

## v 5.0.3

- [\*] Fixed videoclug watch user log лог (issue #6810);
- [\*] Fixed adding logo for movies (issue #7718);
- [\*] Fixed вход в Stalker 5x при включенной авторизации (issue #7785);
- [\*] Minor fixes in admin interface (issue #7791, issue #7804, issue #7825, issue #7828, issue #7829, issue #7863, issue #7871, issue #7888, issue #7889, issue #7891, issue #7894, issue #7901, issue #7964, issue #7994, issue #7712);
- [\*] Fixed autofill from kinopoisk (issue #7885);
- [\*] Fixed saving information about not completed content play in API v3 (issue #8020);
- [\*] Fixed authorization API v2 (issue #8028);
- [\*] Fixed saving time of last movie play (issue #8033);
- [\*] Fixed video play statistic (issue #8052);
- [\*] Fixed autoupdate for MAG256/MAG257 (issue #8084);
- [\*] Fixed video genre localization in API v3 (issue #8093);
- [\*] Fixed EPG was displayed above player (issue #8152);
- [\*] Fixed список доступного видео в API v3 и v2 (issue #8245);
- [\*] Fixed проблема с мониторингом ТВ каналов с Flussonic (issue #8293);
- [\*] Added validation for STB correct time(ntp) (issue #7839, issue #7800);
- [\*] In API v3 Added information regarding age restriction, country and duration (issue #7997, issue #7947);
- [\*] Added licenced access to API v3 for non MAG devices (issue #7287, issue #8208, issue #8210, issue #8243);
- [\*] Added theme selection Stalker 5x (issue #6775);
- [\*] In API v3 Added video sorting (issue #7614);
- [\*] In API v3 ability to add audio albums into playlist (issue #7635);
- [\*] Added backup and restore of application list (issue #7723);
- [\*] Application management optimization (issue #7735);
- [\*] Added ability to update all application of Stalker 5x (issue #7834);
- [\*] Added support for WR-320 mac validation (issue #8071);
- [\*] Added MAG351 and MAG352 support (issue #8151);
- [\*] Added weather measurements (Celsius/Fahrenheit) (issue #8397);

## v 5.0.2

- [\*] FIXED Spanish localization (issue #7547);
- [\*] FIXED update indication in admin interface footer (issue #7535);
- [\*] FIXED search using cirilic in admin interface (issue #7559);
- [\*] FIXED parental password request in admin interface (issue #7566);
- [\*] Small fixes in admin interface (issue #7603, issue #7618);
- [\*] Modifications in API v3 (issue #7530, issue #7711, issue #7672, issue #7618, issue #7477, issue #7655, issue #7676);
- [\*] New section of applications management for Stalker 5x (бывший smart\_launcher) (issue #7602, issue #7660, issue #7691, issue #7692, issue #7693, issue #7694, issue #7696, issue #7727, issue #7281);

## v 5.0.1

- [\*] FIXED 3D mode in TV channels (issue #6397);
- [\*] FIXED update window in Settings (issue #6672);
- [\*] FIXED problem of aspect ration initialization after portal start (issue #6969);
- [\*] FIXED filtering and sorting in TV channels - admin interface (issue #7021);
- [\*] FIXED statistic of videos by genre (issue #7055);
- [\*] Small fixes in admin interface (issue #7067, issue #7070, issue #7071, issue #7077, issue #7078, issue #7155, issue #7396, issue #7025);
- [\*] FIXED statistic by closed TV channels (issue #7072);
- [\*] FIXED access to API with disabled tariff plans (issue #7097);
- [\*] FIXED language in films description for autofill from TMDb (issue #7101);
- [\*] FIXED time-shift for Flussonic DVR (issue #7146);
- [\*] FIXED permission for directories with logos (issue #7319);
- [\*] FIXED issue with phing start if mysql server is 5.6 (issue #7342);
- [\*] ADDED access option by password in TV genre or video category (issue #6722);
- [\*] ADDED ability to add MAC address in channel URL using %MAC%, for example <http://server-ip:80/live?channelId=31&deviceMac=%MAC%> (issue #6754);
- [\*] ADDED Xstream-Codes support  
<https://groups.google.com/forum/#!topic/stalker-middleware/o7pbYj0JoqU> (issue #6813);
- [\*] ADDED column backlight of table for searching (issue #7007);
- [\*] ADDED MaxCDN support for static files, option `max_cdn_pull_zone_url` in `configuraiotn` file (issue #7019);
- [\*] ADDED Spanish localization `добавлена испанская локализация` (issue #7026);
- [\*] ADDED ability to filter channels by device type in API v2 and v3 (issue #7068);
- [\*] Admin interface optimized, page loading time is decreased (issue #7285);
- [\*] ADDED channel subscription in admin interface (issue #7327);
- [\*] ADDED API v3 (issue #6049, issue #6859, issue #7322, issue #7220, issue #7362, issue #7331, issue #7362, issue #7473, issue #7145, issue #7215, issue #7247);
- [\*] ADDED EPG resource in API v1, resource `itv` (issue #7224, pull request #223);
- [\*] ADDED new VideoClub (issue #6758, issue #7133, issue #7162, issue #7164, issue #7179, issue #7187, issue #7188, issue #7210, issue #7213, issue #7217, issue #7251, issue #7280, issue #7301, issue #7304, issue #7365);
- [\*] Updated smart launcher and new applications were added - TV, Video, Radio, Karaoke, etc. (beta)

## v 5.0.0-r2

- [\*] FIXED API v1 (issue #7015);

[\*] ADDED token life time setting for OAuth - oauth\_token\_expire (issue #7016);

## v 5.0.0

[\*] FIXED issue with film saving with rate 0+ (issue #6807);  
[\*] FIXED admin password changing issue (issue #6808);  
[\*] Small fixes in Admin interface (issue #6818, issue #6819, issue #6834, issue #6877, issue #6923);  
[\*] FIXED token verification for Flussonic (issue #6821);  
[\*] FIXED permissions for STB turn off date set in Admin interface (issue #6880);  
[\*] FIXED problem with authorization in API v2 using MAC (issue #6943);  
[\*] ADDED opportunity to manage access in API v2 using tariff plans (issue #6675);  
[\*] Closed kernel, license change (issue #6726, issue #6896, issue #6894, issue #6835, issue #6951, issue #6848, issue #6849, issue #6850, issue #6884);  
[\*] ADDED support of MAG256, MAG257 (issue #6801, issue #6823, issue #6836, issue #6864, issue #6869, issue #6874);  
[\*] ADDED indication of portal updating (issue #6875);  
[\*] ADDED permissions on tariff plan changing in Admin interface (issue #6881);  
[\*] ADDED feedback form in Admin interface (issue #6955);

## v 4.9.35

[\*] FIXES in AudioClub section (issue #6643);  
[\*] FIXED admin interface displaying on mobile platforms (issue #6684);  
[\*] FIXES in localization (issue #6698, issue #6732);  
[\*] FIXED issue with standby mode enabling while TV is turned off (issue #6716);  
[\*] FIXED event send work form by shedule (issue #6719);  
[\*] FIXED timezone list for openweathermap source (issue #6721);  
[\*] FIXED video's statistic page displaying (issue #6724);  
[\*] FIXED video's search page displaying by storages (issue #6725, issue #6753);  
[\*] FIXED form of channel add (issue #6735, issue #6736, issue #6749);  
[\*] FIXED form of event sending to user's by file's list (issue #6739);  
[\*] FIXED application autoupdate (issue #6740);  
[\*] FIXED filter work in admin interface, Karaoke section (issue #6744);  
[\*] FIXED context menu displaying in Advertising section of VideoClub (issue #6745);  
[\*] FIXED monitoring URL displaying for TV channel (issue #6748);  
[\*] FIXED channel list in API v2 while tariff plans is disabled (issue #6752);  
[\*] FIXED add radiostation form (issue #6757);

- [\*] FIXED discontinuous TV Archive playing (issue #6768);
- [\*] ADDED tables sorting in admin interface (issue #6543);
- [\*] ADDED new fields for displaying in TV channels in admin interface (issue #6568);
- [\*] Updated 2048 game (issue #6728);
- [\*] ADDED new fields in API v2 for authorization: model, client\_type (issue #6770);
- [\*] ADDED ability to use API v2 without remote domen (issue #6776);
- [\*] Small fixes in admin interface (issue #6788);

## v 4.9.34

- [\*] FIXED premission set on reseller section (issue #6552);
- [\*] FIXED notes and audio tracks/karaoke/video/EPG/streaming/events form validation (issue #6623, issue #6625, issue #6627, issue #6630, issue #6640, issue #6669, issue #6674, issue #6677, issue #6703, issue #6704, issue #6639);
- [\*] FIXED close of reseller change form (issue #6629, issue #6701);
- [\*] FIXED status display in storage list (issue #6632);
- [\*] FIXED work of filters (issue #6633, issue #6642, issue #6685, issue #6700);
- [\*] FIXED date of karaoke add display in admin interface (issue #6646);
- [\*] FIXED radio display in admin interface (issue #6648);
- [\*] FIXED karaoke file verify on storages (issue #6650, issue #6652);
- [\*] FIXED edit application form display, context menu work (issue #6654, issue #6655);
- [\*] FIXED pay buttons display on block screen (issue #6656);
- [\*] FIXES in application section (issue #6659, issue #6660, issue #6663, issue #6665);
- [\*] FIXED radio playing with enabled force\_ch\_link\_check (issue #6676);
- [\*] FIXES in IPTV section (issue #6679, issue #6687, issue #6689);
- [\*] FIXED autoupdate function for custom images (issue #6680);
- [\*] FIXED passwords verification while administrator adding (issue #6691);
- [\*] FIXED work of Task section in IE 11 (issue #6692);
- [\*] FIXED saving of TV archive records storages on channel (issue #6693);
- [\*] FIXED updating of streaming servers list (issue #6695);
- [\*] FIXED events send on period (issue #6710);
- [\*] FIXED tasks display in VideoClub (issue #6711);
- [\*] ADDED flag of download availability in API v2 (issue #6546);
- [\*] ADDED launcher localization (issue #6682, issue #6706);
- [\*] ADDED portal version display in admin interface (issue 6696);
- [\*] Small fixes in admin interface (issue #6705);

## v 4.9.33

- [\*] FIXED issue of films shedule section display (issue #6493);
- [\*] FIXED "Access" column in service packets list (issue #6544);

- [\*] FIXED access in AudioClub section for administrators (issue #6547);
- [\*] FIXED in administrators management section (issue #6555, issue #6559, issue #6564, issue #6567, issue #6592);
- [\*] FIXED Astra support for TV archive (issue #6565);
- [\*] FIXED TV channel edit form, validation (issue #6569, issue #6571, issue #6597, issue #6603, issue #6619, issue #6582);
- [\*] Changes in security, fixes in STB authorization token (issue #6610, issue #6618);
- [\*] Fixes in EPG edit form, validation (issue #6612, issue #6577);
- [\*] FIXED ability to delete video categories with genres (issue #6613);
- [\*] License text updated (issue #6561);
- [\*] ADDED WEB CAS support (issue #6585);
- [\*] ADDED option for resolution management for STB auto-add in database (auto\_add\_stb) (issue #6611);

## v 4.9.32

- [\*] FIXED HDMI reaction events (issue #6385);
- [\*] FIXED current firmware description in Firmware update settings (issue #6387);
- [\*] FIXED access to "Adult" genre by password (issue #6401);
- [\*] FIXED firmware update making rule (issue #6466);
- [\*] FIXED date format in user's table (issue #6468);
- [\*] FIXED add form in AudioClub (issue #6469);
- [\*] FIXED search field in Admin interface (issue #6472);
- [\*] FIXED TV archive option work on channel in old Admin interface (issue #6474);
- [\*] FIXED file name in VideoClub in English localization (issue #6475);
- [\*] FIXED screensaver work with VirtualKeyboard (issue #6485);
- [\*] FIXED localization issues (issue #6490, issue #6272);
- [\*] FIXED album cover deleting in AudioClub (issue #6491);
- [\*] FIXED issue with performance in user's logs (issue #6492);
- [\*] FIXED user's group creation in admin interface (issue #6495);
- [\*] FIXED updating using USB in Settings (issue #6496);
- [\*] FIXED category displaying on add video form (issue #6506);
- [\*] FIXES in Radio section and other admin sections (issue #6507, issue #6509, issue #6511, issue #6515, issue #6527, issue #6529, issue #6528);
- [\*] FIXED option force\_ch\_link\_check (issue #6520);
- [\*] ADDED ability to disable tariff plan from user in admin interface (issue #6330);
- [\*] ADDED TTL auto add in events (issue #6344);
- [\*] ADDED ability to attach covers in png format for video (issue #6484);
- [\*] New admin interface is used by default (issue #6533);

## v 4.9.31

- [\*] FIXED categories by default for music videos (issue #5966);

- [\*] FIXED filters in users section (issue #6317);
- [\*] FIXED authorization form in launcher (issue #6318, issue #6320, issue #6332, issue #6336);
- [\*] FIXED issue with NFS monitoring (issue #6319);
- [\*] FIXED channel adding (issue #6321);
- [\*] FIXED issue with encoding while m3u file import (issue #6328);
- [\*] FIXED context menu cutting (issue #6329);
- [\*] FIXED filter work by registration date in users category (issue #6333);
- [\*] FIXED issue with first 3 letters displaying (issue #6335);
- [\*] FIXED send\_msg event with post-function video playing (issue #6346);
- [\*] FIXED issue with double menu displaying (issue #6347);
- [\*] FIXED incorrect base filling while application reinstal (issue #6378);
- [\*] FIXED video covers (issue #6380);
- [\*] FIXED audioclub covers (issue #6383);
- [\*] ADDED user's log support in API v2 (issue #6277);
- [\*] IMPROVED folders parser in storage (issue #6306);
- [\*] ADDED information about operator's logo to user's profile in API v2 (issue #6349);
- [\*] FIXES in new admin interface (issue #6371);
- [\*] Disabled HDMI event reaction on STB MAG200 (issue #6384);

## v 4.9.30

- [\*] FIXED changing of Favorites in preview while changing category (issue #6183);
- [\*] FIXED issue of TV channel edit in new admin interface (issue #6231);
- [\*] FIXED reset of token for Launcher while Stalker loading (issue #6239);
- [\*] FIXED field for films, which is empty (issue #6241);
- [\*] FIXED Greek localization (issue #6246);
- [\*] FIXED issue in sending script of warning (issue #6262);
- [\*] FIXED publish status in TV channels (issue #6263);
- [\*] FIXED authorization in API v2 (issue #6264);
- [\*] ADDED authorization saving in Launcher (issue #6219);
- [\*] ADDED sorting modules option regarding to their queue in Tariffs (enable\_modules\_order\_by\_package) (issue #6225);
- [\*] ADDED portal settings in Launcher (issue #6238);
- [\*] ADDED TV channels import from m3u file (issue #6240);
- [\*] Mechanism of STBs authorization is changed by default (options auth\_url and store\_auth\_data\_on\_stb) (issue #6269);
- [\*] ADDED option epg\_data\_block\_period\_for\_stb, which allows to change EPG data on STB (issue #6274);
- [\*] ADDED Karaoke status changing while cache updating (issue #6282);
- [\*] ADDED standby option while TV turning of (standby\_on\_hdmi\_off, enabled enabled by default) (issue #6284);

## v 4.9.29-r2

- [\*] FIXED php warning in new admin interface (issue #6214);
- [\*] FIXED channel logo add in new admin interface (issue #6215);
- [\*] FIXED Channel edit page opening (issue #6228, issue #6222);
- [\*] FIXED current content displaying for users (issue #6220);
- [\*] FIXED group reseller changing (issue #6229);
- [\*] FIXED portal loading with enabled tariffs and without module packets (issue #6234);
- [\*] FIXED portal loading with empty system table with timezones (issue #6235);
- [\*] FIXED video genre categories in API v2 (issue #6228);

## v 4.9.29

- [\*] FIXED issue with SoapDemo (issue #6033);
- [\*] Small fixes in Server broadcast in new admin interface (issue #6139);
- [\*] FIXED wrong displaying of context menu in new admin interface (issue #6144);
- [\*] FIXED access issue in admin interface if portal is installed not in stalker\_portal (issue #6145, issue #6157);
- [\*] FIXED load balancing on server broadcasting for API v2 (issue #6165);
- [\*] FIXED calendar for Greek localization in new admin interface (issue #6177);
- [\*] FIXED Update button appearing in Applications section in new admin interface (issue #6187);
- [\*] FIXED channel reconnection by buttons Channel+/- while opening from launcher (issue #6192);
- [\*] FIXED admin interface work for php 5.3 (issue #6209);
- [\*] Small fixes for new admin interface (issue #6212, issue #6201);
- [\*] ADDED support by default for nginx secure link for VideoClub and Karaoke (issue #6097);
- [\*] ADDED opportunity to change template in API v2 (issue #6126);
- [\*] ADDED update tables button in new admin interface (issue #6146);
- [\*] Improved authorization for API v2 (issue #6146);
- [\*] ADDED games description in new launcher (issue #6148);
- [\*] Sorting of internal applications (issue #6168);
- [\*] Country flag added near IP address in new admin interface (issue #6181);
- [\*] UPDATED Youtube application (issue #6208);

## v 4.9.28-r2

- [\*] FIXED applications loading from launcher (issue #6142);

## v 4.9.28

- [\*] FIXED picture displaying from USB storage device (issue #6011);
- [\*] FIXED field of date when STB was turned off in new admin interdace (issue #6091);
- [\*] FIXED issue while channel edit opening (issue #6092);
- [\*] FIXED event templates for MAG245 and MAG254 in new admin interface (issue #6102);
- [\*] FIXED EPG issue while time changing (issue #6114);
- [\*] FIXED small issues in Audio in new admin interface (issue #6115);
- [\*] FIXED small issues in Video in new admin interface (issue #6088);
- [\*] FIXED small issues in Radio in new admin interface (issue #6088);
- [\*] FIXED small issues in Tariffs in new admin interface (issue #6088);
- [\*] FIXED TimeShift issue (issue #6119);
- [\*] FIXED small issues in Users in new admin interface (issue #6088);
- [\*] FIXED small issues in Events in new admin interface (issue #6088);
- [\*] FIXED STB authorization for API v2 (issue #6124);
- [\*] FIXED small issues in Administrators in new admin interface (issue #6088);
- [\*] FIXED small issues in Tasks in new admin interface (issue #6088);
- [\*] FIXED small issues in Info portal in new admin interface (issue #6088);
- [\*] FIXED small issues in Statistic in new admin interface (issue #6088);
- [\*] ADDED opportunity to display window with registration URL in authorization if registration\_url in config is enabled (issue 6022);
- [\*] ADDED opportunity to log out if authorization is used (issue #6069);
- [\*] OPTIMIZAED users table (issue #6081);
- [\*] ADDED x-max-sessions header for Flussonic (issue #6084);
- [\*] ADDED System settings in Smart launcher (issue #6093);
- [\*] ADDED filter by content type in Users section in new admin interface (issue #6096);
- [\*] ADDED option of new launcher installing as template from settings (enable\_launcher\_in\_theme\_settings) (issue #6101);
- [\*] UPDATED YouTube application (issue #6112);
- [\*] ADDED opportunity to edit the date when STB was tuned off in old admin interface (issue #6120);
- [\*] ADDED VK-Video and 2048 game in application list (issue #6123);
- [\*] FIXED small issues in Storage in new admin interface (issue #6138);

## v 4.9.27-r2

- [\*] FIXED TV channels section in new admin interface (issue #6072);
- [\*] FIXED pageheaders in user's logs (issue #6077);
- [\*] FIXED application management section in new admin interface (issue #6080);
- [\*] FIXED conflict with coincidence of same external modules names with embedded ones (issue #6089);
- [\*] DELETED applications from Smart launcher and now they could be enabled manually; fixed displaying of disabled applications (issue #6086, issue



#6085);

## v 4.9.27

- [\*] FIXED localization issue in new admin interface (issue #6008);
- [\*] FIXED users filter in new admin interface (issue #6013);
- [\*] FIXED the list of user's modules in API v2 (issue #6021);
- [\*] FIXED user's sorting by accounts in new admin interface (issue #6025);
- [\*] FIXED users's sorting by creation date (issue #6027);
- [\*] FIXED application authorization issue in Smart launcher and exit from AudioClub (issue #6037);
- [\*] FIXED statistic of TV viewing (issue #6046);
- [\*] FIXED dash-board for reseller in new admin interface (issue #6051);
- [\*] FIXED work of token for Flussonic (issue #6052);
- [\*] FIXED issue with authorization window исправлена (issue #6076);
- [\*] Small fixes in new admin interface (issue #6034, issue #6053);
- [\*] ADDED opportunity to clear claim in new admin interface (issue #6035);
- [\*] ADDED opportunity to set new skin as default template or change template for current user (issue #6059);
- [\*] ADDED mechanism of managment for external applications (issue #6060);
- [\*] ADDED Slovak localization (issue #6061);
- [\*] UPDATED EX.UA application (issue #6063);
- [\*] ADDED limit for megogo application (now it is available for 1280x720 only) (issue #6073);

## v 4.9.26

- [\*] FIXED work of tmdb parser for series (issue #5958);
- [\*] FIXED work of country filter for TV channels in API v2 (issue #5971);
- [\*] FIXED work of authorization on new STBs (issue #5975);
- [\*] FIXED karaoke adding whit custom url in new admin interface (issue #5987);
- [\*] FIXED displaying of current content in admin interface for movie with custom URL (issue #5988);
- [\*] ADDED security of Flussonic archive (issue #4911);
- [\*] ADDED schedule of events (issue #5879);
- [\*] ADDED history of messages in API v2 (issue #5882);
- [\*] ADDED functionality of templates adding for MAG 245 and MAG 254 through events (issue #5986);
- [\*] ADDED MW "Stalker" new skin (test mode, for operators only) (issue #5969);
- [\*] Small changes/fixes in new admin interface (issue #5995);
- [\*] ADDED hsl\_fast\_start settings, enabled by default (issue #6012);

## v 4.9.25-r2

[\*] FIXED authorization issue of new STB (issue #5975);

## v 4.9.25

[\*] FIXED the process of incorporating the film on schedule in old admin interface (issue #5919);  
[\*] FIXED page navigation in TV channels section in new admin interface (issue #5920);  
[\*] FIXED edit of packet with modules in new admin interface (issue #5921);  
[\*] FIXED default video\_out value (it is empty now) (issue #5922);  
[\*] FIXED sorting in Radio section (issue #5932);  
[\*] FIXED issue while Weather updating (issue #5934);  
[\*] FIXED work of BACK button in TV channels section (issue #5938);  
[\*] FIXED channel change using numbers on RC while enable enable\_numbering\_in\_order option (issue #5944);  
[\*] FIXED list of genres and categories by default (issue #5912);  
[\*] CHANGES in ACCOUNT section (issue #5943);

## v 4.9.24-r2

[\*] FIXED issue with user's list in new admin interface (issue #5907);

## v 4.9.24

[\*] FIXED temporary URLs saving option in new admin interface (issue #5817);  
[\*] FIXED TV statistic in new admin interface (issue #5823);  
[\*] Small fixes in new admin interface (issue #5853, issue #5900, issue #5852);  
[\*] FIXED edit of users in new admin interface (issue #5850);  
[\*] FIXED verification of token in module for Wowza, it is recommended to update infomir-tmplink.jar (issue #5861);  
[\*] FIXED edit of service packet in new admin interface (issue #5871);  
[\*] ADDED filters of users (issue #5722);  
[\*] ADDED field of user's add date in the list of users (issue #5731);  
[\*] ADDED opportunity to add channel with number more than 999 in new admin interface (issue #5836);  
[\*] Improved mechanism of information gathering about connection type (connection between STB and TV) (issue #5838);  
[\*] YouTube application updated (issue #5888);  
[\*] Portal work improved in windowed mode (issue #5890, issue #5895);

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[*] ex.ua application updated (issue #5896);
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## v 4.9.23

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[*] FIXED authorization issue in API v2 (issue #5737);  
[*] FIXED focus of the last application icon (issue #5738);  
[*] FIXED issue in Radio widget (issue of portal loading) (issue #5742);  
[*] FIXED localization of messages (issue #5754);  
[*] FIXED continuing video playing issue (issue #5755);  
[*] FIXED German localization (issue #5789);  
[*] FIXED PVR in API v2 (issue #5834);  
[*] FIXED issue while exit from TV section when play_in_preview_only_by_ok  
option is enabled (issue #5837);  
[*] FIXED url saving in new admin interface (issue #5844);  
[*] Updated YouTube application (issue #5739);  
[*] ADDED show_menu event in API (issue #5745);  
[*] ADDED information about video rating in API v2 (issue #5764);  
[*] ADDED ability to run autoupdate before block window (issue #5778);  
[*] ADDED buffer record in dumpstream script (issue #5779);  
[*] UPDATED picasa, ex, ivi applications (issue #5821);  
[*] If IP address of STB is changed then portal use oss_url (issue #5824);  
[*] FIXES in styles and templates for new admin interface (issue #5851);
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## v 4.9.22

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[*] FIXED Radio widget (issue #5653);  
[*] FIXED video saving in new admin interface (issue #5657);  
[*] FIXED TV channel playing while TV is on/off (issue #5658);  
[*] FIXED modules queue in Main menu (issue #5659);  
[*] FIXED problem while user's add form opening in new admin interface  
(issue #5661);  
[*] FIXED logo add in TV channel (issue #5662);  
[*] FIXED Autoupdate manage form in new admin interface (issue #5664);  
[*] FIXED portal loading in browser (emulation mode) (issue #5665);  
[*] FIXED editing of new packet problem in new admin interface (issue  
#5665);  
[*] FIXED localization problems (issue #5673);  
[*] FIXED broadcasting servers loading display in percents (issue #5676);  
[*] FIXED the list of films by category in API v2 (issue #5678);  
[*] FIXED portal loading on STBs MAG260 (issue #5684);  
[*] Small fixes in new admin interface (issue #5685);  
[*] FIXED STB status displaying in profile (issue #5706);  
[*] FIXED sort by date of last edit in user list (issue #5709);  
[*] FIXED links of weather update for weather.ua (issue #5714);  
[*] ADDED ability to manage genres and categories from admin interface  
(issue #4837);  
[*] YouTube application updated (issue #5589);
```

- [\*] ADDED ability to limit users quantity for every reseller (issue #5634);
- [\*] ADDED frequency of manual input manual of scanning in DVB settings (issue #5641);
- [\*] ADDED list of available modules in API v2 (issue #5646);
- [\*] There is the same aspect ratio as in TV channel in TimeShift (issue #5656);
- [\*] ADDED additive authorization options in API v2 (issue #5671);
- [\*] ADDED ability to inform users about disable date (issue #5679);
- [\*] OPTIMIZED and FIXED single\_module modes (issue #5694, issue #5700);
- [\*] ADDED information about views in the video list (issue #5696);
- [\*] ADDED search of users by name and IP (issue #5708);
- [\*] ADDED optional connection between STB authorization and API v2 authorization (issue #5712);
- [\*] REMAKE downloading mechanism with temporary links (issue #5715);

## v 4.9.21

- [\*] FIXED localization issues in new admin interface (issue #5577, issue #5621);
- [\*] FIXED management form of broadcasting zone (issue #5579);
- [\*] FIXED Moderators list in new admin interface (issue #5580);
- [\*] FIXED packet editing in tariff in new admin interface (issue #5581);
- [\*] FIXED last TV channel playing (issue #5597);
- [\*] FIXED issue when reseller opens the list of users (issue #5600);
- [\*] FIXED Administrator submenu in resellers in new admin interface (issue #5605);
- [\*] FIXED layout on edit form in new admin interface (issue #5607);
- [\*] FIXED access to some user's pages with limited permission (issue #5609);
- [\*] FIXED STB freezing after TV's turn on (issue #5610);
- [\*] FIXED issue with TV channel preview on blocked STB (issue #5621);
- [\*] FIXED counting of channel current session (issue #5630);
- [\*] Small fixes in new admin interface (issue #5645);
- [\*] ADDED opportunity to use monitoring for Radio channels (issue #1820);
- [\*] ADDED Home page for new admin interface (issue #5544);
- [\*] ADDED account\_balance field for users (issue #5582, issue #5619);
- [\*] UPDATED localizations (issue #5591);
- [\*] Portal loading optimized; enable\_supermodule option is available in experimental mode (issue #5620);
- [\*] ADDED information about current user's videwing in new admin interface (issue #5637);
- [\*] ADDED new firmware version support; For firmware version 0.2.18-r7 warning about updating will be displayed (issue #5642);

## v 4.9.20-r2

- [\*] FIXED issue with channel switching (issue #5588);

## v 4.9.20

```
[*] FIXED localization of new admin interface (issue #5493);
[*] FIXED issue which appears while user info edit in new admin interface
(issue #5494);
[*] FIXED issue admin permission set in new admin interface (issue #5495);
[*] FIXED issue in Autoupdate setting in new admin interface (issue #5502);
[*] FIXED advertasing in VideoClub (issue #5515);
[*] FIXED context menu displaying in TV Archive in new admin interface
(issue #5523);
[*] FIXED EPG time-correction field (issue #5534);
[*] FIXED genre localization in API v2 and video filter by genre and
category (issue #5535);
[*] FIXED downloading from VideoClub (issue #5537);
[*] FIXED STB freezing while pressin MODE button (issue #5538);
[*] FIXED episode nubmer displaying in OSD for PAL (issue #5543);
[*] FIXED powering off STB from new admin interface (issue #5549);
[*] FIXED issue with power off time set in new admin interface (issue
#5550);
[*] FIXED auto power off by cron (issue #5555, issue #5575);
[*] FIXED Version field displaying in STB profile (issue #5564);
[*] FIXED displaying of last STB status in report in new admin interface
(issue #5576);
[*] ADDED TV channels switching in sorting by name (issue #1479);
[*] IMPROVEMENT in monitoring script. Now monitoring sorting by available
and non-available streams (issue #2875);
[*] ADDED the original alignment of the sync byte in TV archive stream
(without it TV archive did not work on some devices) (issue #5337);
[*] ADDED opportunity to set priority for language for EGP import from
xmltv (issue #5433);
[*] ADDED play_radio_channel event (issue #5456);
[*] Application Vimeo doesn't available for MAG200 anymore (issue #5489);
[*] DELETED rows with tmp files from *.po files (issue #5498);
[*] ADDED monitoring status displaying in new admin interface (issue
#5503);
[*] ADDED ivi application (issue #5504);
[*] DISABLED buffer indication for rtp solution (issue #5516);
[*] UPDATED YouTube application (issue #5541);
[*] UPDATED Polish localization (issue #5545);
[*] ADDED turning off STB date in profile in old admin interface (issue
#5546);
[*] Now does not start playing the last TV channel when you exit the
plugins (issue #5557);
[*] ADDED option of disabling YouTube application for MAG200 (issue #5586);
```

## v 4.9.19

```
[*] FIXED issue with continuous archive playing while using Flussonic DVR
```

```
(issue #5345);
[*] FIXED issue while user editing in new admin interface (issue #5429);
[*] FIXED issue on TV genre page in new admin interface (issue #5430);
[*] FIXED genre id for categories in API v2, added opportunity to get genres by category list and delete videos from "Favorite" (issue #5431);
[*] FIXED channel playing after TV's turn on (issue #5432);
[*] FIXED issue indication with connection (issue #5434);
[*] FIXED issue in Radion widget (issue #5438);
[*] OPTIMIZED some requests in new admin interface (issue #5452);
[*] FIXED issue with empty channel list in service packet (issue #5453);
[*] FIXED cron tasks running (issue #5459);
[*] ADDED resellers in new admin interface (issue #2900);
[*] ADDED account resources in API v2 (payment info, user agreements, etc.) (issue #4557);
[*] ADDED Flussonic DVR support for time-shift (issue #4883);
[*] ADDED opportunity to choose time in user statistic in new admin interface (issue #5415);
[*] ADDED view statistic support in API v2 (issue #5416);
[*] DVB settings is displayed on MAG 270/275 only (issue #5454);
[*] ADDED IP_STB_HD model in support by default (issue #5457);
[*] ADDED Vimeo application (issue #5467);
[*] ADDED German localization (issue #5474);
[*] UPDATED YouTube application (issue #5475);
[*] Information about user's MAC and IP added in billing authorization parameters (issue #5488);
```

## v 4.9.18

```
[*] FIXED session counting on streaming servers (issue #5353);
[*] FIXED localization problem in new admin interface (issue #5371);
[*] FIXED channel list manage in new admin interface (issue #5378);
[*] ADDED button of archive button in new admin interface (issue #5379);
[*] FIXED errors in new admin interface which in apache log (issue #5380);
[*] FIXED video playing (issue #5402);
[*] FIXED channel playing which have added using new admin interface (issue #5404);
[*] CHANGED password input window while subscription (issue #1448);
[*] ADDED opportunity to disable STB automatically (by date) in new admin interface (issue #3734);
[*] ADDED subscriptions log on packets in new admin interface (issue #5218);
[*] ADDED channel re-playing after TV was turned off (issue #5339);
[*] ADDED codecs for subtitles (issue #5369);
[*] ADDED opportunity to manage TV genres in new admin interface (issue #5394);
[*] UPDATED YouTube beta application (issue #5406, issue #5424);
[*] ADDED opportunity to get EPG from channels set by one request in API v2 (issue #5409);
```

[\*] ADDED information about genre in channel API v2 (issue #5413);

## v 4.9.17

[\*] FIXED displaying of last digit of the year in Video Club (issue #5298);  
[\*] FIXED Karaoke playing with custom url (issue #5325);  
[\*] FIXED indication of radiostation playing in Radio section (issue #5334);  
[\*] FIXED issue with localhost in mysql (issue #5341);  
[\*] FIXED archive playing from EPG over player (issue #5363);  
[\*] ADDED order\_itv\_channel\_as\_adding option which allows to display channel by order (issue #4253);  
[\*] ADDED new admin interface which available by URL /stalker\_portal/server/adm/ (issue #4623, issue #4988, issue #5358, issue #5366);  
[\*] ADDED nginx secure link monitoring (issue #5073);  
[\*] ADDED ability to switch radiostations by pressing CH +/- (issue #5309);  
[\*] Forming of nginx secure link moved to config - nginx\_secure\_link\_order (issue #5332);  
[\*] HLS link doesn't forward on USB storage device for PVR (issue #5342);  
[\*] UPDATED ivi application (issue #5352);  
[\*] ADDED setting of ssl certificate check - check\_ssl\_certificate (issue #5354);

## v 4.9.16-r2

[\*] FIXED issue in Radio section (issue #5285);  
[\*] DELETED non correct check on firmware version in different modules (issue #5275);

## v 4.9.16

[\*] FIXED series downloading when advertising is enabled (issue #5180);  
[\*] FIXED streaming server's distribution while load balancing enabled (issue #5181);  
[\*] FIXED problem with mysql\_port configuration (issue #5192);  
[\*] FIXED URL for archive record in API v2 (issue #5194);  
[\*] FIXED problem with wrong displaying of table's rows for TV and MediaBrowser (issue #5199);  
[\*] FIXED displaying mysql errors while phing (issue #5216);  
[\*] ADDED updates in Radio section (Favorites, sorting) (issue #4981);  
[\*] ADDED opportunity to use films with custom url and sXXeXX in name (issue #5084);  
[\*] ADDED option which allows massive update (allow\_multiple\_stb\_update) (issue #5190);

- [\*] ADDED opportunity to send messages with video in attachment (issue #5227);
- [\*] CHANGED serach in VideoClub (now is standard keyboard is using) (issue #5229);
- [\*] ADDED mouse right click support ("Exit" emulation) (issue #5249);
- [\*] UPDATED YouTube application (issue #5256);

## v 4.9.15

- [\*] FIXED DVB settings (issue #4621);
- [\*] FIXED Kinopoisk cover loading (issue #5044);
- [\*] FIXED ocean blue template (issue #5062);
- [\*] FIXED digital template (issue #5039, issue #5074);
- [\*] ADDED frequency and modulation configurations for DVB-C (issue #4213);
- [\*] ADDED error reports about records (issue #4361);
- [\*] ADDED session limitation for TimeShift (issue #4520);
- [\*] ADDED serial files support by next type sXXeXX file name (issue #4578);
- [\*] ADDED Remote control in Settings (issue #5038);
- [\*] ADDED non-standard MySQL port support (issue #5043);
- [\*] CLOSED opportunity for resource stb group updating in API v1 (issue #5056);

## v 4.9.14

- [\*] FIXED buffer size saving (environment variables do not change) (issue #4958);
- [\*] FIXED cancel of nPVR record (issue #4974);
- [\*] FIXED errors while random hash forming (issue #5001);
- [\*] FIXED portal setting's saving (issue #5009);
- [\*] FIXED Parental password input form/window (issue #5011);
- [\*] FIXED video playing if advertising doesn't available, advertising removed form each episode (issue #5024);
- [\*] FIXED archive playing while winter/summer time changing (issue #5027);
- [\*] FIXED temporary links for Wowza VOD (issue #5032);
- [\*] ADDED film information autofil from themoviedb.org (issue #1497);
- [\*] ADDED opportunity to set password to Settings (issue #4795);
- [\*] ADDED search in AudioClub (issue #4889);
- [\*] UPDATED megogo application (issue #4962);
- [\*] ADDED Wowza DVR support as TimeShift (issue #4985);
- [\*] UPDATED ex.ua application (issue #4993);
- [\*] ADDED auto\_hide\_timeout parameter for SEND\_EVENT and STB\_MSG resources in API v1 (issue #5012);
- [\*] ADDED 6 MHz for DVB for manual searching (issue #5021);
- [\*] ADDED German/Deutsch localization (issue #5028);



## v 4.9.13

- [\*] FIXED EPG over player for Favorites channels (issue #4678);
- [\*] FIXED user-agent filter if there are several channel URLs (issue #4961);
- [\*] FIXED problem by pressing OK in EPG over player (issue #4968);
- [\*] FIXED country localization of track in AudioClub (issue #4969);
- [\*] ADDED Wowza support for VideoClub (with "Stalker" storage support) (issue #4558);
- [\*] ADDED portla template configuring in user settings (issue #4910);
- [\*] ADDED green template (issue #4926);
- [\*] ADDED grey template (issue #4953);
- [\*] ADDED Wowza DVR support as TV Archive (issue #4984);

## v 4.9.12

- [\*] FIXED counting DVB channel pages counting (issue #4449);
- [\*] FIXED downloading from browser (issue #4462);
- [\*] FIXED freezing while updating from Settings (issue #4463);
- [\*] FIXED "Soon" in VideoClub (issue #4465);
- [\*] DELETED option "USB&Bootstrap" updating (issue #4544);
- [\*] FIXED first condition deleting in autoupdating (issue #4546);
- [\*] Changed vlc in monitoring script to cvlc (issue #4718);
- [\*] FIXED record to USB storage device using multicast proxy (issue #4741);
- [\*] FIXED EPG updating when problem with .gz source occurs (issue #4898);
- [\*] UPDATED ex.ua application (issue #4899);
- [\*] FIXED nPVR recording (issue #4901);
- [\*] FIXED positioning by pages in audio albums (issue #4903);
- [\*] FIXED video discription on Greek (issue #4904);
- [\*] FIXED playing in YouTube application (issue #4905);
- [\*] FIXED problem with packet subscription problem displaying (issue #4920);
- [\*] FIXED positioning by number in "Favorite" (issue #4924);
- [\*] FIXED localization in AudioClub (issue #4928);
- [\*] OPTIMIZED work with database (issue #4519);
- [\*] CHANGED HDMI event reaction while video playing (issue #4750);
- [\*] ADDED possibility to use memcached cluster (issue #4853);
- [\*] Portal logo (branding) is available in config file (issue #4915);
- [\*] ADDED version displaying option in Main menu (issue #4930);

## v 4.9.11

- [\*] FIXED Audio club module in ocean blue theme (issue #4802);
- [\*] FIXED remarks list regarding Audio club (work with playlists, genre displaying and years) (issue #4827);
- [\*] FIXED error with monitoring option and load balancing (issue #4831);

- [\*] FIXED work of pay button on blocked display (issue #4834);
- [\*] FIXED information displaying about content while audio and karaoke playing (issue #4839);
- [\*] FIXED icon displaying while playing on genre and album (issue #4840);
- [\*] FIXED link to wiki (issue #4858);
- [\*] FIXED work of nginx secure link option when url contains wrong value (issue #4874);
- [\*] FIXED audio playing if URL contains spaces (issue #4878);
- [\*] ADDED flussonic support for TV archive (issue #3566);
- [\*] ADDED possibility to use mask for playing in channel url from "the first" USB storage device (issue #4772);
- [\*] ADDED cappuccino theme (issue #4773, issue #4835);
- [\*] ADDED possibility to use MAC address of STB in external\_payment\_page\_url (issue #4828);
- [\*] REMOVED reboot when theme changed (issue #4832);
- [\*] ADDED astra support for archive record (issue #4881);
- [\*] ADDED Italian localization (text type) (issue #4778);

## v 4.9.10

- [\*] FIXED icon displaying of RECORDS in main menu (issue #4756);
- [\*] FIXED MAC address changing via API v1 (issue #4754);
- [\*] ADDED "AUDIO CLUB" module (issue #4554);

## v 4.9.9

- [\*] FIXED localization of packets table in user profile (issue #4599);
- [\*] FIXED appearing of empty row in WORKGROUP MediaBrowser (issue #4709);
- [\*] FIXED displaying of information in Admin interface about film from "non-ended" (issue #4742);
- [\*] ADDED information about locale and STB model in user profile (issue #4450, issue #4693);
- [\*] ADDED opportunity to send message with MAC address and S/N on STB using %mac% and %sn% (issue #4701);
- [\*] ADDED enable\_soap\_api option, which enabling SOAP API (it is disabled by default) (issue #4747);

## v 4.9.8-r2

- [\*] FIXED error with subscription updating in TV channels (issue #4683);
- [\*] FIXED problem with video\_name\_format in VideoClub in English localization (issue #4702);
- [\*] ADDED support of WR320 model (issue #4689);

## v 4.9.8

- [\*] ADDED discription such as stringArray in SOAP API (issue #4630);
- [\*] FIXED problem with curl in monitoring script (issue #4631);
- [\*] ADDED opportunity to update the list of video by pressing DEL button (issue #4390);
- [\*] UPDATED Greek localizaztion (issue #4390);
- [\*] ADDED Netherlandish localization (issue #4644);
- [\*] ADDED option for multicast settings hide in Advanced settings (hide\_adv\_mc\_settings) (issue #4654);

## v 4.9.7

- [\*] FIXED STB adding in group (issue #4426);
- [\*] FIXED problem with ability to save channel without genre (issue #4464);
- [\*] FIXED DVB category displaying on STBs without DVB (issue #4551);
- [\*] FIXED continuation of archive playback while different timezones on server and on STB (issue #4615);

## v 4.9.6

- [\*] FIXED problem of streaming server determination by default (issue #4489);
- [\*] FIXED the problem with settings for MAG260 (issue #4523);
- [\*] FIXED information about PVR record duration (issue #4550);
- [\*] FIXED information about current video if there is numbers in expantion (for example .mp4) (issue #4552);
- [\*] UPDATED ex.ua and ivi.ru (issue #4508);
- [\*] ADDED MAG260 as default supported device (issue #4528);

## v 4.9.5

- [\*] FIXED displaying of local TimeShift icon (issue #4399);
- [\*] FIXED saving of DVB settings (issue #4405);
- [\*] FIXED clearing of EPG table (issue #4418);
- [\*] FIXED link to existing TimeShift sessions statistic (issue #4446);
- [\*] IMPROVED work of MySQL library (issue #4454);
- [\*] FIXED counting of pages in TV channels for PVR only (issue #4478);
- [\*] ADDED message about changing in services while optional packet enabling-disabling (issue #4487);
- [\*] Native YouTube is available for MAG260 (issue #4472);
- [\*] Unnecessary Settings sections is hidding for MAG260 (issue #4474);
- [\*] ADDED opportunity to use "Country" for TV channel URL in filter (issue #4485);

## v 4.9.4

```
[*] ADDED ability to use old subscription mechanism on TV channels while  
Tariff Plans are on (issue #4432);  
[*] ADDED option for LED brightness adjustment (issue #4433);
```

## v 4.9.3

```
[*] FIXED layer_name in Pomogator module (issue #4373);  
[*] FIXED work of aspect for TV Archive (issue #4381);  
[*] FIXED displaying of disabled channels in packet description (issue  
#4382);  
[*] ADDED opportunity to open RADIO by pressing MUSIC button (issue #4363);  
[*] OPTIMIZED work with tables clearing (issue #4375);
```

## v 4.9.2

```
[*] FIXED progress-bar while portal is loading (issue #4352);  
[*] FIXED archive playing from EPG over player (issue #4362);  
[*] ADDED "Pomogator" application (issue #4353);  
[*] ADDED RC support with programmable section for opening EPG over player  
(issue #4366);
```

## v 4.9.1

```
[*] FIXED subtitles configuration by default (issue #4313);  
[*] FIXED film's adding in the list of "Not ended" (issue #4315);  
[*] FIXED work of "Account disabled" option while adding of the new user  
(issue #4321);  
[*] FIXED validation of multicast URL proxy in Settings (issue #4323);  
[*] FIXED function of "Service packages" determining by service id (issue  
#4345);  
[*] ADDED opportunity to open advanced EPG while channel playing in  
fullscreen (EPG button) (issue #1188);  
[*] ADDED Portal disabling function (issue #3355);  
[*] Session of "TV archive" playing doesn't depend on storage load (issue  
#3427);  
[*] ADDED opportunity to buy or rent video/films in "Video Club" (issue  
#3839);  
[*] ADDED sections UNDO in DB migration scripts (issue #4344);  
[*] ADDED opportunity to search films using id (issue #4346);
```

## v 4.9.0

- [\*] FIXED temperature displaying in Weather (issue #4288);
- [\*] FIXED forecast displaying (issue #4289);
- [\*] FIXED work in Admin interface using Firefox 31+ (issue #4290);
- [\*] FIXED EPG displaying if source is not xmltv (downgrade #4250) (issue #4295);
- [\*] ADDED possibility to disable tv module (issue #2865);
- [\*] ADDED pattern using support of external portal (issue #4154);
- [\*] ADDED possibility to control channels with flussonic (with temporary URLs) using monitoring (issue #4256);
- [\*] FIXED appearance of Weather (issue #4291);

## v 4.8.85

- [\*] FIXED error of EPG opening and archival program indication (issue #4255);
- [\*] FIXED error with TV Archive task deleting while TV channel deleting (issue #4265);
- [\*] FIXED Media type for archive in user's log while continuous playing (issue #4267);
- [\*] FIXED problem with font in EPG description (issue #4275);
- [\*] FIXED icon and status in Weather for openweathermap (issue #4279);
- [\*] FIXED problem with encoding in events on email (issue #4280);
- [\*] FIXED localization problem in section of all user's logs (issue #4281);
- [\*] ADDED possibility to use openweathermap.org as weather source (issue #1208);
- [\*] ADDED optional displaying of choosing (in genre list) "Channels with PVR" (issue #4008);
- [\*] ADDED possibility to use parameters account\_payment\_info, account\_agreement\_info and account\_terms\_info from oss\_url data (issue #4220);
- [\*] ADDED possibility of continuous TV Archive recording when there is break in EPG (issue #4260);
- [\*] ADDED optional opportunity do not display Type and Media for offline STBs in user's list (hide\_media\_info\_for\_offline\_stb) (issue #4274);

## v 4.8.84

- [\*] FIXED play continues after authorization error (issue #4196);
- [\*] FIXED pvr icon displaying on channels where pvr is not enabled (issue #4216);
- [\*] FIXED audio track selection on channels with temporally links (issue #4219);
- [\*] FIXED issue with player context menu initialization and aspect for channel when event 2 doesn't come (issue #4223);

- [\*] FIXED issue with authorization while resetting access\_token (issue #4225);
- [\*] FIXED temporarily links for Flussonic (issue #4227);
- [\*] FIXED Synchronization of TV archive tasks in file .tasks (issue #4230);
- [\*] FIXED complain message (issue #4234);
- [\*] FIXED decoding of mysql error (issue #4235);
- [\*] FIXED displaying EPG on STB after xmltv\_id delete (issue #4250);
- [\*] ADDED path setup for folder screenshots (screenshots\_path) (issue #4191);
- [\*] editing of users login "admin" was blocked (issue #4215);
- [\*] some video genres was renamed (issue #4218);
- [\*] ADDED in settings parameter "aspect" by default (tv\_channel\_default\_aspect) for TV channels (issue #4221);

## v 4.8.83

- [\*] FIXED problem with EPG displaying in TV list without preview (issue #4160);
- [\*] FIXED problem of EPG updating, downgrade to 4.8.81 version (issue #4186);
- [\*] FIXED problem with Audiotrack choosing on channels with temporary URLs (issue #4195);
- [\*] ADDED in API v2 possibility to get status of TV channel (issue #1492);
- [\*] ADDED optional possibility to display "coming soon" section in VideoClub (issue #3408);
- [\*] ADDED possibility to move on current playing channel by pressing BACK while navigation (issue #4176);
- [\*] ADDED m4v format in list of supported formats on Storage (issue #4185);
- [\*] ADDED in API v1 "IP" row for STB resource (issue #4188);
- [\*] ADDED event/notice on email if there is claim on sound/video/epg (issue #4193);
- [\*] ADDED "IP" parameter while authorization by auth\_url, added in API v1 resource of authorization reset (issue #4198);
- [\*] ADDED support of temporary URLs for Flussonic (issue #4209);

## v 4.8.82

- [\*] FIXED problem with loading and playing in ex.ua application (issue #4136, issue #4150);
- [\*] FIXED stopping of channel re-replaying (issue #4155);
- [\*] ADDED opportunity change sequence of TV channels in preview (issue #3607);
- [\*] ADDED opportunity to specify country for content in Videoclub (issue #4007);
- [\*] ADDED filter in admin interface for films which shows SD films with HD copy (issue #4024);
- [\*] ADDED animation for "mute" image for preventing burnup (issue #4083);

- [\*] ADDED opportunity to use hardware version in autoupdate parameters (issue #4094);
- [\*] ADDED opportunity returns by "back" button in preview mode (issue #4112);
- [\*] ADDED Greek localization (issue #4133);
- [\*] ADDED solution for TV Archive playing in settings (issue #4142);
- [\*] ADDED event stoping "keydown" in apps module (issue #4151);

## v 4.8.81

- [\*] FIXED problem with external subtitles for serials (issue #4042);
- [\*] FIXED problem with apostrophe in localization (issue #4069);
- [\*] FIXED work of notices for DVB channels (issue #4079);
- [\*] FIXED problem with settings opening while work via HTTPS (issue #4086);
- [\*] FIXED problem with empty list of extended EPG (issue #4118);
- [\*] ADDED opportunity of DVB channels manual scanning добавлена (issue #4076);
- [\*] ADDED filter which allows to display DVB channels only (issue #4093);
- [\*] UPDATED picasa application (issue #4117);
- [\*] FIXED playing via proxy in ex.ua application (issue #4120);
- [\*] ADDED configuring of simultaneous recording on USB (issue #4128);

## v 4.8.80

- [\*] UPDATED EX.UA application (issue #3508);
- [\*] FIXED list of field in users API v2 resource (issue #3994);
- [\*] FIXED localization of "Serial" genre (issue #4001);
- [\*] FIXED call settings function in TV preview (issue #4009);
- [\*] ADDED support of https (issue #4051, pull request #6);
- [\*] FIXED parcing of NBU exchange rate (issue #4053);
- [\*] ADDED list of exception for playing via proxy (issue #3045);
- [\*] ADDED resource for gathering of playing statistic in API v2 (issue #3421);
- [\*] ADDED resource in API v2, which allows to get messages from the server (issue #3423);
- [\*] ADDED opportunity to use prefixes for files in autoupdate (issue #3962);
- [\*] ADDED opportunity to reboot STB from the lock screen (issue #3964);
- [\*] ADDED support of devices, which are mounted to different folders (outside of /media/) (issue #3969);
- [\*] For TV channels aspect by default - FIT (issue #3973);
- [\*] ADDED opportunity to use external page of paying in ACCOUNT (issue #3974);
- [\*] ADDED option of PVR icon disabling in channel list (issue #3991);
- [\*] ADDED support of DVB STBs (issue #4021, issue #4022);

## v 4.8.79

- [\*] FIXED navigation in Admin interface (issue #3924);
- [\*] FIXED time displaying in am/pm format (issue #3960);
- [\*] FIXED logrotate config (issue #3961);
- [\*] ADDED icon of PVR record in channel list (issue #3422);
- [\*] ADDED Ukrainian language for Settings (issue #3765);
- [\*] ADDED user's statistic by service packets (issue #3904);
- [\*] UPGRADED deleting mechanism of STBs from Admin interface (issue #3923);

## v 4.8.78

- [\*] FIXED periodic error in module "downloads" while loading (issue #3821);
- [\*] FIXED permission set on folder misc/logos (issue #3832);
- [\*] ADDED message about unavailable of some YouTube content (issue #3836);
- [\*] FIXED work of record indicator after duration changing (issue #3837);
- [\*] ADDED mysql\_host support with constant connection in deploy script (issue #3841);
- [\*] FIXED request of password on channel (issue #3848);
- [\*] FIXED SetCASParam when there is no cas\_params (issue #3862);
- [\*] FIXED Favorites channel switching by pressing on "numbers" with open/closed channels (issue #3865);
- [\*] FIXED autoupdate condition verification (issue #3877);
- [\*] CHANGED nPVR system, there is no need in daemon stalkerD, but API\_URL should be set on the storage (issue #2707);
- [\*] ADDED option of information collecting about some losses in rtp stream (enable\_stream\_losses\_logging) (issue #3120);
- [\*] CHANGING in Russian localization (issue #3784);
- [\*] ADDED setting of user's logs storing duration (user\_log\_ttl) (issue #3855);

## v 4.8.77

- [\*] FIXED Ukrainian localization (issue #3763);
- [\*] FIXED screensaver work in version 0.2.18 (issue #3764);
- [\*] FIXED TV channel logo removing (issue #3768);
- [\*] FIXED connection error indication while fast page switching (issue #3777);
- [\*] FIXED YouTube content palying (issue #3802);
- [\*] FIXED problem in script of TV channel monitoring (issue #3809);
- [\*] FIXED virtual keyboard while TV channel in preview mode (issue #3820);
- [\*] FIXED enable\_service\_button option in version 0.2.18 (issue #3823);
- [\*] ADDED play\_in\_preview\_only\_by\_ok option in user's settings (issue #3545);
- [\*] ADDED user's setting of action after portal is loaded (issue #3669);
- [\*] ADDED support of show\_unsubscribed\_tv\_channels option in tariff plan



(issue #3774);

## v 4.8.76

[\*] FIXED localization error (issue #3699);  
[\*] FIXED films playing after serials editing (issue #3731);  
[\*] ADDED user's settings according to audio track priority (issue #2857);  
[\*] ADDED TVZAVR and ZOOMBYTV modules (issue #3694);  
[\*] ADDED information about quantity of users in each tariff (issue #3698);  
[\*] ADDED HD films sorting while adding (issue #3703);  
[\*] ADDED tester flag support (issue #3711);  
[\*] ADDED opportunity to use permanent connection to mysql server (it is necessary to add p: in a front of host name) (issue #3713);  
[\*] ADDED Polish localization (issue #3715, pull request #5);  
[\*] ADDED show\_channel\_logo\_in\_preview option which includes channel logo displaying in a list (issue #3716);  
[\*] OPTIMIZED cache\_refresh mechanism work for storages (issue #3721);  
[\*] ADDED Ukrainian localization (issue #3744);

## v 4.8.75-r2

[\*] FIXED installation scrip issue (issue #3683);

## v 4.8.75

[\*] FIXED error when Settings contains more than 6 sections (issue #1656);  
[\*] FIXED issue with cutted text on block screen for PAL with RCA connection (issue #3541);  
[\*] FIXED numeration of "favorite" channelsисправлена нумерация избранных каналов (issue #3600, issue #3635);  
[\*] FIXED error in python 3 support for dumpstream (issue #3602);  
[\*] FIXED video playing in ivi application (issue #3615);  
[\*] FIXED error while STB rebooting with changed localization in Settings (issue #3618);  
[\*] FIXED error while autoupdate checking condition (issue #3627);  
[\*] FIXED duration of archive record in current hour (issue #3641);  
[\*] FIXED message problem with rebooting by pressing OK (issue #3643);  
[\*] FIXED error in epg navigation and record making on closed channel (issue #3654);  
[\*] FIXED "favorite" channels counting in user's profile (issue #3658);  
[\*] FIXED problem with record downloading when downloads module starts later (issue #3659);  
[\*] ADDED positioning in TimeShift by pressing NEXT/PREV (PgDown/PgUp) (issue #1177);  
[\*] ADDED HDMI event option in users settings (issue #2727);

- [\*] ADDED aspect ratio saving for each channel (issue #3195);
- [\*] ADDED duration archive settings for each channel (issue #3377);
- [\*] ADDED separate table for HD films in moderator tasks (issue #3597);
- [\*] Settings menu doesn't available when the problems with connection appears (issue #3617);
- [\*] ADDED option password in Accounts (issue #3625);

## v 4.8.74

- [\*] Security fixes (issue #3479, issue #3497);
- [\*] FIXED channel status synchronization (issue #3526);
- [\*] FIXED MAC address check for unique during adding (issue #3543);
- [\*] FIXED Filename while video download from Videoclub (issue #3551);
- [\*] FIXED Time-shift indicator behavior when time-shift wasn't been enabled (issue #3553);
- [\*] FIXED authorization STB's via login and pass (issue #3554);
- [\*] FIXED multiple play repeat of TV channels if channel is not http (issue #3555);
- [\*] FIXED errors while manual update storage cache (issue #3569);
- [\*] FIXED exit from standby while mount/unmount STB drive event (issue #3572);
- [\*] ADDED python 3 support in dumpstream (issue #3475);
- [\*] ADDED MAG254 support in rules of autoupdate launch (issue #3558);

## v 4.8.73

- [\*] FIXED text overlay in update menu (issue #2882);
- [\*] FIXED SaveScreen disabling while audio and radio playing (issue #2917);
- [\*] FIXED clock position on the screen using "CLOCK" button (issue #3361);
- [\*] FIXED radio service packet with "All services" packet (issue #3362);
- [\*] FIXED record editing in "City help" section (issue #3365);
- [\*] FIXED video playing when playlist is empty (issue #3374);
- [\*] FIXED event sending by file from the list which contain BOM (issue #3375);
- [\*] FIXED autoupdate while the first portal start (issue #3376);
- [\*] FIXED video extension while downloading from VideoClub (issue #3378);
- [\*] FIXED API v2 while cross domain ajax using (it is necessary to use "heads" in web server config) (issue #3411);
- [\*] FIXED date in send\_msg message (issue #3413);
- [\*] FIXED icons displaying in Megogo application (#3414);
- [\*] FIXED Ukrainian localization in Ex.ua application (issue #3415);
- [\*] FIXED API v1 error which occurs when users data updating (issue #3417);
- [\*] FIXED (disabled) comment transmission to channel in Channel list (issue #3425);
- [\*] FIXED error which occurs while editing moderator STB data (issue #3468);
- [\*] ADDED MAC address validation while new STB adding by addition form or

```
API v1 (issue #2953);
[*] IMPROVED device_id identification (issue #3031);
[*] ADDED possibility do not set default city (default_city_id=0) for
weather (issue #3326);
[*] ADDED option icon displaying of low quality film
(enable_video_low_quality_option) (issue #3341);
[*] OPTIMIZED "Video by genre" statistic page (issue #3366);
[*] UPDATED Ex.ua application (issue #3457);
[*] ADDED access control to API storage, it is recommended to update
"storage" directory on the storage (issue #3471);
```

## v 4.8.72

```
[*] FIXED TV channel getting by genre in API v2 (issue #3246);
[*] FIXED record playing which was recorded in EPG on channel archive
(issue #3257);
[*] FIXED error of joke saving and editing (issue #3261);
[*] FIXED login verifying on unique while user data editing in API v1
(issue #3305);
[*] FIXED non-correspondence of login while user data getting in API v2
(issue #3307);
[*] FIXED double logging in TV channel (issue #3313);
[*] FIXED typo in localization (issue #3338);
[*] FIXED autoupdate for MAG255 (issue #3343);
[*] ADDED displaying settingsдобавлены of clocks on the screen (issue
#3122);
[*] ADDED possibility to choose month while making task in archive (issue
#3304);
[*] UPDATED "ex.ua" application (issue #3357);
```

## v 4.8.71

```
[*] FIXED message sending using api in case if STB is missing (issue
#3153);
[*] FIXED temporary URLs work for nginx secure link (issue #3167);
[*] FIXED channel playing after timeshift error occurs (issue #3177);
[*] FIXED channel playing after exiting from archive (issue #3178);
[*] FIXED error which occurs while exiting from local timeshift, if there
is parameter "Save buffer" (issue #3204);
[*] ADDED supporting of several run permissions of autoupdate for one STB
model (issue #3079);
[*] ADDED optoin of local recording (pvr & time-shift) by types of STB -
allowed_stb_types_for_local_recording (issue #3127);
[*] ADDED supporting of AuraHD1 and MAG255 in Autoupdate (issue #3138);
```

## v 4.8.70

```
[*] FIXED data sorting in Media Browser (issue #2947);
[*] FIXED work of callback_url settings (issue #2976);
[*] FIXED channel playing error while exiting from archive (issue #3021);
[*] FIXED WiFi settings with manual DNS (issue #3035);
[*] FIXED YouTube working with proxy and authorization (issue #3037);
[*] ADDED saving of IP address which is working through API v2 (issue #3063);
[*] FIXED closed channel playing (issue #3093);
[*] FIXED Web browser opening for 0.2.18 version (issue #3100);
[*] FIXED positioning on channel list using PgUp/PgDown while closed channel (by password) (issue #2926);
[*] ADDED time settings of EPG - epg_history_weeks (issue #2951);
[*] ADDED option of adding date in message send_msg by event send_msg - display_send_time_in_message (issue #3004);
[*] ADDED button "BACK" support (issue #3064);
[*] ADDED Account number field in "Users" (issue #3064);
```

## v 4.8.69

```
[*] FIXED fast switch and pressing OK on channel in preview (issue #2528);
[*] FIXED downloading more that tree records in a row (issue #2705);
[*] FIXED turning off local time-shift (issue #2731);
[*] FIXED Swith from time-shift to channel preview by pressing STOP (issue #2905);
[*] ADDED NGINX secure links support for TV channels (issue #2859);
[*] OPTIMIZED mechanism retries while playing TV channels if there are problems (issue #2907);
[*] OPTIMIZED EPG request from STB's using event update_epg (issue #2933);
[*] OPTIMIZED last_id table (issue #2941);
[*] ADDED detailed output about mysql error (issue #2959);
```

## v 4.8.68

```
[*] FIXED dumpstream functioning while network problems (issue #2486);
[*] FIXED import of large archived XMLTV files (issue #2650);
[*] FIXED option tv_archive_playback_overlap_start while changing the next TV programm (issue #2660);
[*] FIXED sorting order in user section (issue #2667);
[*] FIXED channel switch with buttons Channel+/- while option invert_channel_switch_direction is on (issue #2680);
```

## v 4.8.67

```
[*] FIXED pause work in timeshift mode (issue #2586);
[*] FIXED access to categories with tariffs and additional_services_on=0
(issue #2596);
[*] FIXED new STBs authorization (issue #2607);
[*] FIXED pause work (issue #2610);
[*] FIXED cover saving from Kinopoisk when the server works using proxy
(issue #2637);
[*] ADDED filter by status on/off in users (issue #2585);
[*] DELETED files which are not using (issue #2592, issue #2593);
[*] FIXED teriff sorting in admin interface (issue #2601);
[*] there is row with version in advanced filter (issue #2612);
[*] ADDED opportunity to display blocking reason from advanced filter
(issue #2624);
[*] ADDED option of playing time displacement from TV archive (issue
#2642);
```

## v 4.8.66

```
[*] FIXED device_id check for MAC address in the low register (issue
#2479);
[*] FIXED access_token reset at "hand-shake" stage (issue #2522);
[*] FIXED EPG overview for adult channels (issue #2559);
[*] FIXED API work when login contains more then 11 symbols (issue #2573);
[*] FIXED streaming server saving (issue #2582);
[*] FIXED cashe reset for concrete storage (issue #2583);
[*] ADDED timeshift for local USB storage (issue #1315);
[*] ADDED opportunity to filter statistic by TV channel view during mounth
(issue #2477);
[*] ADDED filter by unavailable (red) films in VIDEOCLUB (issue #2512);
[*] ADDED strict_stb_type_check option which perform checking by
allowed_stb_types (issue #2520);
[*] ADDED STB API version saving of STB in database (issue #2534);
[*] ADDED opportunity to perform user authorization in portal duting every
start (issue #2538);
[*] ADDED optional "Welcome" duting the first start (issue #2553);
```

## v 4.8.65

```
[*] FIXED ex.ua on version 0.2.12 (issue #2401);
[*] FIXED portal functioning on nginx+php-fpm (issue #2409);
[*] FIXED error in video logo section (issue #2430);
[*] FIXED order of value in column complains on video/audio (issue #2431);
[*] FIXED double name of video in english localization (issue #2468);
[*] FIXED display name of current wathing video using CUSTOM URL (issue
```

```
#2472);  
[*] ADDED optional sorting in TV - only HD (issue #1582);  
[*] ADDED information about categories, actors, director in extended EPG  
description (issue #2332);  
[*] ADDED protection setting against plasma screen burnout(issue #2391);  
[*] ADDED switch source status EPG (issue #2446);  
[*] ADDED checking integrity information about device while loading portal  
(issue #2461);
```

## v 4.8.64

```
[*] FIXED record playing in TV Archive (issue #2289);  
[*] FIXED time field in user_log, now timezone takes into account (issue  
#2291);  
[*] FIXED created field filling while new STB creates with API (issue  
#2297);  
[*] FIXED informwation about current user channel in Admin interface (issue  
#2320);  
[*] FIXED option of API log disabling (issue #2324);  
[*] FIXED EPG editing in Admin interface (issue #2326);  
[*] FIXED access to portal for new STBs (issue #2333);  
[*] ADDED ability to manage admin access permissions (issue #1912);  
[*] mysqli managing is available (issue #2122);  
[*] ADDED statistic of TV Archive using (issue #2260);  
[*] ADDED section with films list which are planning to paly (issue #2274);  
[*] "life time" of TV channels temporary links are moved to config -  
tv_tmp_link_ttl (issue #2275);  
[*] CHANGED mechanism of display format - by the first click the current  
state is displayed (issue #2280);  
[*] ADDED discription displaying (if it exists) of the current content in  
OSD by double-click of INFO (issue #2288);  
[*] ADDED option of continuous archive playing (dialog disabling) (issue  
#2290);  
[*] ADDED channel Logo displaying in Admin interface (issue #2322);
```

## v 4.8.63

```
[*] FIXED freezind of title "Downloads" youtube when trying to play some  
videos (issue #2113);  
[*] FIXED indication of screen format in youtube (issue #2140);  
[*] FIXED Exit from application ivi(issue #2143);  
[*] FIXED Invalidation error access_token in OAuth (issue #2211);  
[*] ADDED Possibility of forcing a link demand to play udp:// rtp://  
channels (issue #1799);  
[*] ADDED Access control to the TV archive (issue #1859);  
[*] ADDED Access control to Timeshift records (issue #1860);  
[*] ADDED Window with a detailed description of program in epg (issue
```

```
#1907);  
[*] ADDED Option default_stb_status, responsible for allowing the status of  
new consoles (on / off) (issue #2022);  
[*] FIXED Listing the contents of directories in the media browser was  
optimized (issue #2136);  
[*] ADDED Saving the STB country to the database (issue #2148);  
[*] IMPROVEMENT Better protection of communication STB with the portal,  
using the authorization key (issue #2157, issue #2179, issue #2173);  
[*] ADDED Output of MySQL error that arises in deploy script (issue #2172);  
[*] ADDED Statistic of Timeshift usage and filter in users section (issue  
2178);  
[*] ADDED Event update_channels now restart play of the current TV channel  
(issue #2198);  
[*] ADDED Possibility of separating the server for reading and writing to  
mysql (issue #2218);  
[*] ADDED Option quality of film (for internal use) (issue #2238);  
[*] ADDED Application ex.ua (issue #2243);  
[*] FIXED Error of playing not permitted content (issue #2210);
```

## v 4.8.62

```
[*] FIXED monitoring udp/rtp links with VLC (issue #1979);  
[*] FIXED error during update kinopoisk ranking (issue #2013);  
[*] FIXED text search results for storages (issue #2031);  
[*] FIXED Fixed a error when loading a file with saved SMB passwords (issue  
#2078, issue #2112);  
[*] FIXED Speed test task stopping (issue #2102);  
[*] FIXED now_playing_type for PVR records (issue #2119);  
[*] FIXED sorting packages in Account. (issue #2021);  
[*] ADDED ability to use an advanced filter to control access to the portal  
(issue #2046, issue #2128);  
[*] FIXED channel display in the admin interface (issue #2133);  
[*] ADDED in API v2 possibility to manage PVR records (issue #1812);  
[*] ADDED application ivi.ru (issue #1960);  
[*] ADDED ability to restart all tasks tv archive records from the admin  
interface(issue #1971);  
[*] ADDED option to disable the processing of HDMI events (issue #2026);  
[*] UPDATED application ex.ua (issue #2033);  
[*] ADDED compatibility with future versions of the Internet browser (issue  
#2069);
```

## v 4.8.61

```
[*] FIXED Working of indicator that skips commercials (issue #1957);  
[*] FIXED Advertising for TV series (issue #1961);  
[*] FIXED Black screen while STB is loading and if its off. (issue #1965);  
[*] FIXED Indicator Tv Archive in EPG for NTSC (issue #1969);
```

- [\*] FIXED Search throught storages. (issue #1974);
- [\*] FIXED Weather update throught proxy (issue #1982);
- [\*] FIXED Security error in admin interface. (issue #1987);
- [\*] Deleted debug output when running cache\_refresh. (issue #1994);
- [\*] ADDED Ability to specify a priority (frequency of occurrence) of advertising. (issue #1953);
- [\*] ADDED Added ability to disable advertising to specific users. (issue #1956);
- [\*] ADDED Added filter categories for advertisement videoclub. (issue #1962);
- [\*] FIXED Channel logotype display in timeshift mode. (issue #1990);
- [\*] ADDED Ability specify filtr by User-agent for storages. (issue #1991);

## v 4.8.60

- [\*] FIXED Reference to index of an item on a page report of the users (issue #1896);
- [\*] FIXED Deleting channel's logotype (issue #1900);
- [\*] FIXED Error that when you enter the TV opens an empty channel list (issue #1904);
- [\*] FIXED Search cities in the localization settings (issue #1906);
- [\*] FIXED Sort videos by date in API v2 (issue #1934);
- [\*] Temporarily removed from the list of cities in Albania in the localization(issue #1939);
- [\*] ADDED advertising scrolling before watching the video in the videoclub (issue #1815);
- [\*] ADDED abitily to update status online user in API v2 (issue #1817);
- [\*] The restriction of the gradient mask in the EPG in TV preview (issue #1818);
- [\*] ADDED cleaning outdated data in several tables (issue #1856);
- [\*] FIXED A newline character (issue #1864);
- [\*] ADDED Resource SEND\_EVENT in API (issue #1869);
- [\*] FIXED Time format for the English localization in EPG (issue #1881);
- [\*] ADDED Descr field support for EPG (issue #1887);
- [\*] ADDED Blacklist for setting limits playback duration (issue #1892);
- [\*] ADDED Saving the selected audio track switching between channels (issue #1893);
- [\*] ADDED Display channel's logo (issue #1897);
- [\*] ADDED Option to hide empty TV categories (show\_empty\_tv\_category) (issue #1898);
- [\*] ADDED Highlighting the last edited TV channel in admin interface (issue #1918);

## v 4.8.59

- [\*] FIXED Channel numeration in extended EPG (issue #1851);
- [\*] FIXED Stalker starting(problem with symbol string translation) (issue



```
#1863);  
[*] FIXED Resource video-favorites in API v2 (issue #1866);  
[*] FIXED Record file if its name contained specific symbols. (issue  
#1870);  
[*] FIXED Name and original name of film in API v2 (issue #1871);  
[*] ADDED Optional flag packet in API it resource TARIFFS. (issue #1879);  
[*] ADDED Possibility to produce OAuth authorization using billing data.  
(issue #1816, issue #1875);  
[*] Improvement security (issue #1852);
```

## v 4.8.58

```
[*] NEW Ability to monitor links to TV channels on each of the servers  
broadcasting (issue #1773);  
[*] NEW Option that enables call of system properties  
(enable_service_button) (issue #1776);  
[*] NEW Hide keyboard by pressing "keyboard" (issue #1775);  
[*] NEW Indication of partially disabled TV channels (issue #1782);  
[*] NEW Displays the type of track (issue #1785);  
[*] NEW Ability to specify the lifetime of events (issue #1787);  
[*] NEW Ability to control subscription through API using internal  
packet ID (issue #1788);  
[*] NEW Support time references for monitoring when "load balancing" is  
on (issue #1793);  
[*] NEW Support authorization API for time references in Wowza (issue  
#1819);  
[*] NEW Option that allows access to the m3u playlist (issue #1826);  
[*] NEW Blocking message display from the billing system during starting  
the portal (issue #1842);  
[*] FIXED Task for monitoring is deleted if TV channel was deleted (issue  
#1777);  
[*] FIXED "load balancing" is on. Source is switched at streaming server if  
reference was turned off while monitoring (issue #1778);  
[*] FIXED The right original name is taken from kinopoisk (issue #1779);  
[*] FIXED Cursor was at last channel when we entered TV Channels (issue  
#1786);  
[*] FIXED Tarif plan localization change (issue #1791);  
[*] FIXED Pause indication while changing channel in Time-shift mode (issue  
#1792);  
[*] FIXED Watching TV archive at channels that don't have subscription  
(issue #1801);  
[*] FIXED Results localization in API v2 (issue #1804);  
[*] FIXED Vulnerability, thanks to Ivan Bratash (issue #1813, issue #1814,  
issue #1822, issue #1823, issue #1825);  
[*] FIXED Conflict cron tasks if there are several portals at the server  
(issue #1727);  
[*] FIXED Notification if entering NFS folder was unsuccessful (issue  
#1780);
```

## v 4.8.57

- [\*] NEW Ability to manually add network folders in Media Browser (smb and nfs) (issue #1301);
- [\*] NEW Ability to use a named token when creating temporary links for Wowza (issue #1628);
- [\*] NEW Displays the title of the current movie in the admin interface when playing custom\_url in Videoclub (issue #1725);
- [\*] NEW Sorting packages on external id in the admin interface (issue #1734);
- [\*] FIXED Starting playback of the channel when the option play\_in\_preview\_only\_by\_ok is on and also when TV button is pressed (issue #1710);
- [\*] FIXED Error when saving video description in the admin interface (issue #1724);
- [\*] FIXED In Megogo loading missing images (issue #1726);
- [\*] FIXED Autofilling film description from Kinopoisk (issue #1761);
- [\*] FIXED Indication of a pause when you exit the time shift (issue #1760);
- [\*] FIXED Exit from standby when TV is on / off (issue #1765);
- [\*] FIXED import EPG for a redirect URL (issue #1753);

## v 4.8.56

- [\*] ADDED Optimized scripts weather update (issue #1576);
- [\*] ADDED Reducing the load on the server when TV channels are lost (issue #1641);
- [\*] NEW Expanded film search option at the storage (issue #1663);
- [\*] NEW Now for the update to the kinopoisk rating is used XML API (issue #1673);
- [\*] NEW Playback of the channel at the entrance to the TV and the option play\_in\_preview\_only\_by\_ok (issue #1585);
- [\*] NEW Reboot portal event (issue #1595);
- [\*] NEW When an event is received from the HDMI (on / off) portal goes to the main menu (issue #1622);
- [\*] NEW Added option to always-on subtitles (always\_enabled\_subtitles) (issue #1575);
- [\*] FIXED Errors when saving video description in the presence of special characters (issue #1408);
- [\*] FIXED Brightness, saturation and contrast option is off for MAG250 (issue #1686);
- [\*] FIXED Out of standby when the option display\_menu\_after\_loading (issue #1581);
- [\*] FIXED Channel numbering in the extended EPG when the option enable\_numbering\_in\_order (issue #1608);
- [\*] FIXED Cover downloading from Kinopoisk (issue #1675);
- [\*] FIXED Update, and delete records in ACCOUNTS in API (issue #1679);
- [\*] FIXED Field genre\_ids for the resource VIDEO in APIv2 (issue #1681);
- [\*] FIXED Error when passing through the boundary of the channel list if

the user closes the channel (issue #1687);  
[\*] FIXED Indication of the future transfer record after restarting STB (issue #1697);

## v 4.8.55

[\*] fixed nPVR option activation in TV channel editing (issue #1627);  
[\*] fixed work of enable\_playback\_limit option (issue #1640);  
[\*] fixed auto pppoe configuration (issue #1659);  
[\*] strict oss\_url status check becomes optional (issue #1623);

## v 4.8.54

[\*] free time on server doesn't display in records category while remotepvr switched off (issue #1563);  
[\*] Button "download" is unclickable now if downloads is switched off (issue #1564);  
[\*] fixed channel playing at the last page of channels, if the option play\_in\_preview\_only\_by\_ok switched on (issue #1571);  
[\*] fixed channel playing if there is play\_channel event (issue #1596);  
[\*] added opportunity of account management using API and "login" (USERS resource) (issue #1570);  
[\*] added opportunity to get and change "phone" field and "comment" of USERS and ACCOUNTS resources in API (issue #1574);  
[\*] changed logic of answer analyz, which is getting from oss\_url - if there are error and no status field, then the loading stops (issue #1591);

## v 4.8.53

[\*] оптимизированы события перезагрузки при смене тарифа (issue #1504);  
[\*] исправлено дублирование еpg при отсутствии сортировки по дате в источнике (issue #1487);  
[\*] исправлена локализация сообщения о смене тарифа и начале/окончании записи на сервере (issue #1496);  
[\*] исправлен сброс локализации раздела настроек при открытом интернет браузере (issue #1511);  
[\*] исправлена корректировка времени записи на USB в EPG (issue #1520);  
[\*] исправлена установка буфера в настройках (issue #1523);  
[\*] исправлен просмотр запароленного канала (issue #1532);  
[\*] исправлен в API доступ к ACCOUNTS по лицевому счету (issue #1535);  
[\*] исправлено проигрывание распакованных iso в медиа браузере (issue #1541);  
[\*] исправлено проигрывание в YouTube (issue #1551);  
[\*] исправлено автообновление для MAG245 (issue #1552);  
[\*] исправлено обновление страницы при остановке записи на сервере (issue #1558);  
[\*] исправлен выход из портала при включенного проигрывании аудио (issue #1562);

[\*] исправлена работа медиа браузера при отсутствии тв каналов в подписке (issue #1565);

[\*] добавлена возможность привязывать к тв каналу определенные хранилища для PVR (issue #1377);

[\*] в API v2 добавлена возможность управлять списком недосмотренного видео (issue #1380);

[\*] добавлена автоматическая инициализация .tasks файла на хранилищах (issue #1434);

[\*] добавлена возможность использования внешних субтитров в видеоклубе (issue #1436);

[\*] добавлена возможность подписки на опциональные пакеты через API а также добавлены дополнительные поля для учетной записи (онлайн, ip, версия прошивки) (issue #1440);

[\*] добавлена возможность масштабирования изображений в медиа браузере (issue #1463);

[\*] добавлена возможность использования другого порта для apache на хранилище (issue #1517);

[\*] проверка мак адреса на валидность теперь опциональна (issue #1518);

[\*] добавлена возможность выбора кодировки для внешних субтитров (issue #1534);

[\*] отключенные тв каналы на жонжераторских приставках теперь затеняются (issue #1538);

[\*] добавлена опция для проигрывания каналов по кнопке ОК в предпросмотре (play\_in\_preview\_only\_by\_ok) (issue #1542);

[\*] опция для отключения отображения каналов, отсутствующих в подписке, теперь работает и при отключенных тарифных планах (issue #1545);

## v 4.8.52

- fixed playing in some videos (for example, Mentalist) in ex.ua (issue #1488);
- fixed access to ACCOUNTS resource via API using accounts (issue #1489);
- fixed temporary link getting for disabled channel in API v2 (issue #1491);
- fixed PVR work on channels with temporary links (issue #1494);
- fixed error with password changing, using ACCOUNTS resource in API (issue #1498);
- fixed error in Video Club, when packets pegged to account (issue #1503);
- resources added for access in radio and karaoke for API v2 (issue #1514);
- added opportunity to change PRV records manually (issue #1486);
- fixed sorting by date in Media Browser (works beginning from 0.2.16-alpha5) (issue #1507);
- added option (invert\_channel\_switch\_direction) invert channel switch direction by keys up/down in full mode screen (issue #1515);

## v 4.8.51

- fixed exiting from TV archive preview by pressing TV button (issue #1444);
- fixed video playing while tariff plans is switched on (issue #1446);
- fixed YouTube navigation (issue #1447);
- small fixes (issue #1467, issue #1473, issue #1485);
- added proxy support for Kinopoisk parsing (issue #1472);
- fixed autofill of Kinopoisk (issue #1472);

- added recording of TV channel in locale storages (issue #1320);
- added option of channel numeration (enable\_numbering\_in\_order) (issue #1400);
- fixed weather time displacement, which depend on time zone (issue #1438);
- in ex.ua films are filtering from Megogo (issue #1443);
- added full packet description (issue #1453);
- in REST API v2 the list of attributes was added for document USERS (issue #1457);
- added option of disabling error connection index (issue #1464);
- added support of adult films category and option of their displaying (issue #1471);
- TV cahnnels category for adult have been improved and option of their displaying (issue #1477);

## v 4.8.50

- fixed zapping after Megogo content watching (issue #1130);
- fixed work subscription when all packets are optional (issue #1378);
- MAG200 work is optimized (issue #1423);
- fixed YouTube content playing (issue #1432);
- added external subtitles support in Media Browser (issue #1300);
- Autoupdate settings improved (issue #1399);
- fixed OAuth authorization of disabled devices (issue #1410);
- small fixes (issue #1402);

## v 4.8.49

- cosmetic fixes (issue #1365, issue #1396, issue #1364);
- localization error in settings fixed (sometimes the languages list doesn't load) (issue #1367);
- displaying error of only 10 packets in service managment fixed (issue #1368);
- error of EPG import from several sources with the same xmltv id fixed (issue #1371);
- priority mechanism of automatic audio track shoose improved (issue #1395);
- account\_balance field added as the result of oss\_url answer (issue #1332);
- MPAA rating and age limit added (issue #1343);
- the logic of update\_url work changed (issue #1398);
- additive check option of mac and serial\_number for OAuth by login and password added (issue #1383);

## v 4.8.48

- different "timezones" for "timeshift" added (issue #1325);
- "timeshift" positioning error (if archive lenght not a multiple of 24 hours) fixed (issue #1327);
- EPG display error in Admin interface (if the program begins in 00:00) fixed (issue #1352);
- indicator of connection lost with server added (issue #1305);
- indicator of buffering improved (issue #1316);
- closed channels changing in preview fixed (issue #1318);
- ability to watch channels archive, which end in current hour added (issue #1324);
- audiotracks and subtitles priority will be set accoring to locale of STB (issue #1326);

## v 4.8.47

- there are atrack and vtrack present in address row - error is fixed (issue #1273);
- category “Megogo” have been removed from “Ex.ua” (issue #1277);
- cosmetic fixes (issue #1278, issue #1284);
- not all “channels” are importing from xmltv file - error is fixed (issue #1279);
- support “Megogo” и “Oll.tv” services via proxy (issue #1283);
- access via HTTP in /server/tools/ is fixed (issue #1285);
- http request by sign/unsigned event is fixed. Now there is additive id packet transmission (issue #1290);
- positioning in time shift mode is fixed (issue #1299);
- “Ex.ua” via proxy is fixed (issue #1302);
- ability to shift channel list by number in Admin interface is added (issue #1229);
- positioning using “arrows” became optional (enable\_arrow\_keys\_setpos) and turned off by default (issue #1282);
- external settings localization is fixed (issue #1288);
- ability to balance the load for “TV archive” is added (issue #1293);

## v 4.8.46

- Exit the games fixed (issue #1221);
- audio tracks can't be identified in TV - fixed (issue #1226);
- not correct rows in EPG fixed (issue #1240);
- cosmetic fixes (issue #1243, issue #1249);
- storage's errors processing for PVR records fixed (issue #1247);
- “STB doesn't supported” error message fixed (issue #1250);
- TV channel's filter reset after exit EPG - fixed (issue #1254);
- option of recording emulation on the storage restored (issue #1261);
- log of moderator's actions under the content added (issue #1268);
- executable file name compatibility of node.js packet (issue #1269);
- ability to force subtitles (strack parameter) on TV channels (issue #1225);
- automatic STB reboot while assigning on packet “module” type (issue #1237);
- Option of graphic resolution choosing on MAG200 added (deny\_720p\_gmode\_on\_mag200) (issue #1241);
- ability to set position in content using “arrows right/left” (issue #1244);
- ability to change series using buttons NEXT/PREV (issue #1245);
- allowing option of PVR in TV channels added; autofill in Admin interface added (issue #1246);
- option that disable assigning on optional packets from STB (issue #1251);
- simple API (corespond to allow sign/assign on optional packet with STB) support added (issue #1252);
- ability to watch EPG of the next week (issue #1257);

## v 4.8.45

- исправлена ошибка “Приставка не поддерживается” при загрузке портала (issue #1191);
- исправлено наложение окон при скачивании из ТВ архива (issue #1198);
- update\_url для AuraHD такой же как и для MAG250 (issue #1200);

- исправлена ошибка видеоклуба когда модуль downloads находится в disabled\_modules (issue #1201);
- мелкие исправления (issue #1206, issue #1196);
- исправлено зависание tvarchive.sh (issue #1211);
- исправлено отображение серым цветом недоступных каналов (issue #1224);
- исправлена ошибка при добавлении новых приставок (issue #1228);
- добавлен вопрос на продолжение проигрывания в ТВ архиве за 30с до конца (issue #1179);
- добавлена поддержка сортировки по дате в медиа браузере, пока не работает (issue #1103);
- добавлена индикация нахождения в режиме time shift и диалог подтверждения выхода (issue #1189);
- добавлена возможность использования номера лицевого счета в информации об оплате в личном кабинете (issue #1192);
- при отключении мониторинга на канале его статс меняется на доступный (issue #1194);
- добавлена возможность опция “Все услуги” в редактировании пакета услуг. Включает все доступные услуги данного типа (issue #1199);
- добавлено объединение недосмотренного видео между приставками с одним лицевым счетом (issue #1204);
- добавлена возможность фильтровать ссылки на каналы по типу подключения приставки (WiFi/Ethernet) (issue #1205);
- добавлена возможность использовать солюшн при использовании временных ссылок (issue #1209);
- новая ajax библиотека, немного уменьшено время загрузки данных (issue #1212);

## v 4.8.44-2

- исправлена ошибка в определении модели приставки (issue #1191);

## v 4.8.44

- исправлена ошибка, приводившая к воспроизведению фильма по кругу (issue #1147);
- исправлена работа ТВ архива для пользователей из разных таймзон (issue #1156);
- косметические исправления (issue #1146, issue #1159);
- исправлен выход из просмотра ТВ по EXIT (issue #1178);
- добавлена возможность посмотреть пользователем сведения о лицевом счете при отключении приставки (issue #1094);
- добавлена возможность указывать коррекцию уровня громкости для радио (issue #1132);
- добавлена возможность привязывать сервер ТВ вещания к географической зоне - упрощенная CDN (issue #1136);
- оптимизация БД (issue #1137, issue #1155);
- оптимизация обновления EPG (issue #1148, issue #1160);
- добавлена защита от подделки MAC адреса (issue #1154);
- добавлена опция логарифмической регулировки уровня громкости (issue #1165);
- переделан мониторинг каналов, необходима предварительная ручная настройка (issue #1167);
- API адаптировано под несколько ссылок на канал и фильтр user-agent (issue #1171);
- исправлено проигрывание видео с Youtube (issue #1173);

## v 4.8.43

- исправлен первичный импорт базы при установке (issue #1009);
- исправлено дублирование EPG (issue #1068);
- исправлена ошибка навигации по EPG (issue #1118);
- добавлена очистка старых данных в таблицах БД (issue #1126);
- исправлен youtube (issue #1145);
- добавлена возможность переключения ТВ каналов в выбранной категории (issue #985);
- добавлена установка корректных прав доступа на папки для картинок при запуске phing (issue #989);
- добавлена возможность указания нескольких источников на канал с фильтрами по user-agent (issue #1131);
- добавлена возможность балансировки нагрузки (load balancing) между серверами вещания (issue #1138);

## v 4.8.42

- исправлена повторная пауза в режиме time shift (issue #1065);
- исправлен обход родительского пароля при просмотре архива (issue #1069);
- исправлена ошибка в парсере кинопоиска (issue #1083);
- oll.tv и megogo отключены для mag200 (issue #1085);
- исправлено позиционирование в режиме time shift (issue #1088);
- исправлен раздел Аудио в ex.ua (issue #1110);
- мелкие исправления, улучшения и оптимизации (issue #1116, issue #1112, issue #1086, issue #1081, issue #991, issue #1109);
- добавлено отображение версии в профиле пользователя и меню админ интерфейса (issue #990, issue #1082);
- добавлена возможность указывать префиксы для ID в XMLTV (issue #1003);
- добавлено поле комментария в профиле пользователя (issue #1010);
- добавлена возможность проигрывания ISO образов (issue #1104);

## v 4.8.41

- улучшен выход из режима сна и скринсейвера (issue #1027);
- исправлено настройка spdif по умолчанию (issue #1049);
- исправлено позиционирование при нулевой длительности (issue #1051);
- исправления в локализации (issue #1063, issue #1041);
- исправлена ошибка в API при отсутствии ресурса (issue #1064);
- добавлена возможность получить/установить последний канал в API (issue #998);
- добавлена возможность получать иконки на каналы для разных разрешений клиента (issue #1011);
- включение индикации буферизации сделано опциональным (issue #1067);
- + добавлено приложение Megogo (issue #1072);
- + добавлена поддержка Vidimax (issue #1078);
- улучшена работа с таймзонами (issue #1079);



## v 4.8.40

- исправлен tv архив (issue #987);
- улучшена локализация админ интерфейса (issue #988);
- исправлен выбор субтитров (issue #993);
- исправлено отображение категорий видео в ex.ua (issue #1004);
- исправлено заполнение информации о фильме с кинопоиска (issue #992, issue #1000);
- + добавлено приложение oll.tv (issue #1005);

## v 4.8.39

- улучшена работа EPG в предпросмотре и в OSD (issue #661);
- исправлен вывод всех учетных записей (ресурс accounts) в API (issue #966);
- исправлен сброс звуковой дорожки по умолчанию после выхода из ex.ua (issue #969);
- улучшена работы админ интерфейса (issue #972, issue #973, issue #975);
- исправлена ошибка, позволяющая обходить запрос родительского пароля (issue #977);
- добавлена поддержка 3D видео (issue #937);
- в API теперь отображается статус активности приставки (ресурс STB) (issue #940);
- добавлена возможность оставлять жалобы на EPG (issue #943);
- исправлено обновление индикатора времени при входе в другое приложение (issue #945);
- добавлена возможность указания конкретного хранилища при включении ТВ архива (issue #954);
- добавлена возможность использования нескольких серверов вещания с временными ссылками (issue #956);
- улучшено форматирование текста в разделе “Сведения” личного кабинета (issue #958);
- исправлен выход из скринсейвера (первое нажатие не воспринимается) (issue #965);
- добавлена возможность заполнения информации о фильме по ID фильма из кинопоиска (issue #971);
- добавлена опция “отображать недоступные каналы” (show\_unsubscribed\_tv\_channels) для тарифных планов (issue #974);
- добавлена поддержка CAS (issue #356);

## v 4.8.38

- исправлена ошибка со сбросом номера канала при изменении сортировки (issue #888);
- исправлено отображение описания фильма при пустом списке (issue #901);
- устранены ошибки Poedit при сохранении файлов локализации (issue #907);
- исправлено позиционирование за границы часа при просмотре передачи из ТВ архива (issue #909);
- исправлено изменение номера лицевого счета в профиле пользователя (issue #911);
- добавлена посылка сообщения на приставку при изменении статуса через SOAP API (issue #927);
- исправлена ошибка 404 в логге вебсервера при проигрывании PVR записи (issue #928);
- добавлено отображение иконки наличия time shift в OSD канала (issue #640);
- улучшено позиционирование по контенту цифровыми кнопками (issue #894);
- добавлен импорт обложки фильма из кинопоиска (issue #902);

- добавлено обновление информации о пользователе из биллинга (issue #904);
- раздел Тарифы в админ интерфейсе теперь отображается всегда (issue #912);
- добавлена сортировка списка каналов по любым колонкам в админ интерфейсе (issue #913);
- добавлена опция для тарифа - по умолчанию (issue #917);
- исправлена авторизация по паролю (issue #931);
- упрощена процедура обновления версии портала для кастомизированных версий (issue #898);

## v 4.8.37

- исправлена ошибка, связанная с появлением пустого ТВ канала с номером 0 (issue #875, issue #880);
- исправлена индикация включения дополнительных услуг в профиле пользователя (issue #882);
- добавлена возможность вручную заводить приставку в базе (issue #847);
- + добавлено SOAP API для управления учетными записями пользователей, обновлено REST API (issue #848);
- добавлена возможность указывать коррекцию времени для EPG (issue #867);
- добавлен прогресс бар, отображающий ход буферизации при проигрывании (issue #869);
- добавлен клиент ex.ua (issue #889);

## v 4.8.36

- улучшено обновление информации о сериале с кинопоиска (issue #832);
- исправлена ошибка в пользовательском API (issue #844);
- улучшена авторизация в API (issue #826);
- добавлен вывод сообщения в случае ошибки при добавлении обложки фильма (issue #843);
- + добавлен механизм тарифных планов и пакетов услуг (issue #846);
- обновлен youtube (issue #876);
- добавлена возможность удаленного обновления прошивки (issue #878);

## v 4.8.35

- исправлено периодическое пропадание EPG в OSD (issue #423);
- исправлена ошибка локализации в меню настроек (issue #801);
- исправлена ошибка Unauthorized request в API (issue #808);
- исправлена ошибка при сканировании WIFI сетей в настройках (issue #833);
- исправлен выходи из портала (issue #840);
- исправлено сохранение избранного видео через API (issue #841);
- улучшено сохранение паролей от SMB шар (issue #671);
- добавлена автоматическая установка зависимостей через phing (issue #715);
- добавлена возможность глобально конфигурировать доступ к управлению приставками (issue #797);
- оптимизировано обновление текущей погоды (issue #807);
- улучшена очистка списка избранного через API (issue #828);

- + добавлена английская локализация админ интерфейса (issue #823);
- + добавлен виджет курса валют ЦБР (issue #293);

## v 4.8.34

- исправления в системе напоминаний tv передач (issue #713);
- исправлена ошибка обновления EPG (issue #788);
- исправлена ошибка при задании домашней директории приставок для хранилища (issue #789);
- исправлена ошибка переключения каналов после изменения порядка в избранном (issue #790);
- добавлена возможность настраивать коррекцию длительности просмотра tv архива (issue #791);

## v 4.8.33

- исправлена ошибка при обновлении рейтинга кинопоиска (issue #716);
- исправлена большая пауза в отрисовке при открытии меню настроек (issue #717);
- исправлена ошибка при сохранении NTP сервера (issue #724);
- исправлена ошибка в меню настроек (issue #725);
- исправлен двойной ввод пароля при просмотре закрытого канала (issue #728);
- исправлена ошибка с отсутствием воспроизведения первого канала при включенной опции `display_menu_after_loading` (issue #729);
- исправлена ошибка проигрывания запароленного канала из истории по кнопке BACK (issue #731);
- исправлено проигрывание файлов по SMB (issue #732);
- исправлен переповтор радио по event 1 (issue #737);
- исправлен просмотр файлов во вложенных папках по SMB (issue #738);
- исправлен выход в предпросмотр при наборе номера канала (issue #742);
- исправлена работа аудио виджета (issue #752);
- исправлен лишний запрос пароля при быстром переходе по каналам (issue #757);
- исправлены пользовательские закрытые каналы (issue #767);
- + теперь cron задания создаются автоматически при выполнении phing (issue #432);
- + в медиа браузере добавлено избранное (issue #700);
- добавлена возможность запрета загрузки портала для определенного типа приставки (issue #770);
- добавлена возможность просмотра .bmp .tiff .png изображений (issue #772);

## v 4.8.32

- исправлена ошибка со сбросом фильтров на tv каналах (issue #621);
- исправлена ошибка с появлением надписи "Unauthorized request" при редактировании каналов (issue #682);
- исправлена ошибка с подпиской на tv каналы через API (issue #699);
- исправлено дублирование записей с подписками на каналы (issue #705);
- + добавлена возможность указания рейтинга с кинопоиска для фильма и сортировка по этому рейтингу (issue #288);

- добавлена возможность использования одного тв архива для нескольких порталов (issue #675);
- добавлено сохранение номера последней просмотренной серии для сериала (issue #676);
- исправлено включение фильмов по расписанию (issue #680);
- улучшен менеджер закачек для работы с чужими загрузками (issue #681);
- добавлена поддержка сохранения паролей от smb шар в userfs (issue #711);

## v 4.8.31

- исправлена ошибка при просмотре полного EPG для канала (issue #634);
- исправлена ошибка с добавлением HD фильмов (issue #641);
- исправлена ошибка с запуском phing (issue #646);
- + обновлен менеджер закачек для работы со временными ссылками (issue #653, issue #663);
- исправлена ошибка при запуске автоматического обновления (issue #667);
- в статистике видео по жанрам добавлено поле сколько всего фильмов в данном жанре (issue #560);
- исправлено позиционирование окна плеера в режиме предпросмотра при графическом разрешении 1920x1080 (issue #599);
- обновлен вид виджета погоды и раздела погоды на сутки (issue #627);
- улучшен механизм авторизации (issue #635);
- улучшен механизм воспроизведения радио по http (issue #637);
- улучшен механизм загрузки портала с указанием mac адреса (issue #639);
- + добавлена возможность привязывать картинки логотипов к тв-каналам, актуально для API (issue #642);
- добавлено сохранение ImageDate в базу (issue #648);
- теперь если модераторское хранилище недоступно - невозможно добавить новый фильм (issue #652);

## v 4.8.30

- исправлена ошибка при обновлении по http из внешних настроек (issue #561);
- исправлена работа smb когда в сети нет групп (issue #587);
- исправлена ошибка с ограничением количества добавляемых в подписку каналов (issue #589);
- исправлена ошибка при изменении настроек звука во внешнем меню настроек (issue #591);
- исправлена ошибка при изменении автоподстройки частоты кадров во внешнем меню настроек (issue #602);
- исправлена ошибка сохранения настроек локализации во внешнем меню настроек (issue #604);
- исправлена ошибка при установке NTP сервера во внешнем меню настроек (issue #605);
- исправлена ошибка, в результате которой не удалялся фильм из недосмотренных (issue #615);
- исправлена ошибка, приводившая к неправильному отображению картинок в погоде (issue #618);
- исправлена ошибка установки настроек SPDIF во внешнем меню настроек (issue #620);
- исправлена ошибка обработки очереди сообщений (issue #638);

- + добавлена иконка наличия тв архива в списке каналов (issue #313);
- + добавлено окно подтверждения выхода из портала (issue #571);
- + добавлена настройка использования внешнего меню настроек (issue #622);
- + добавлена возможность конфигурировать внешнее меню настроек (issue #623);
- улучшен вид EPG в режиме предпросмотра (issue #632);
- + добавлено API для работы со сторонними клиентами (issue #290);

## v 4.8.23

- + добавлено автоматическое выключение хранилища при превышении порога ошибок (issue #576);
- добавлены таймауты ожидания ответа от хранилищ (issue #576);

## v 4.8.22

- косметические изменения в медиа браузере (issue #556) (issue #555);
- исправлено съедание последней строки описания видео (issue #562);
- изменены критерии запуска автоматического обновления (issue #563);
- + добавлен сервер авторизации OAuth (issue #559);

## v 4.8.21

- + добавлена поддержка порта в url портала (issue #508);
- исправлен выход из тв и радио в режиме single\_module (issue #513);
- исправлено кувыркание node.js (issue #514);
- исправлено моргание секции EPG в предпросмотре (issue #515);
- исправлено добавление каналов при включенном фильтре качества (issue #519);
- исправлен просмотр закрытого канала без ввода пароля (issue #522);
- интервал опроса сервера вынесен в настройки, по умолчанию - 2 мин (issue #520);
- исправлена работа ajax библиотеки если в адресе портала указан порт (issue #547);
- сохранение в базу кол-во банков и версию образа (issue #551);

## v 4.8.20

- исправлена ошибка при удалении канала из ТВ архива (issue #441);
- исправлена сортировка хранилищ по загрузке для модераторских приставок (issue #487);
- исправлена ошибка при добавлении в избранное большого числа каналов (issue #488);
- исправлена погода на сутки (issue #494);
- исправлено проигрывание роликов с Youtube (issue #496);
- + интеграция внешнего меню настроек (issue #413);
- + добавлено логирование запросов к API (issue #414);
- + добавлен выход во внутренний портал (issue #415);
- сообщение о начале записи теперь автоматически закрывается через 5 мин (issue #434);
- + добавлено поле комментария для канала (issue #444);
- + добавлена возможность принудительно запустить хранитель экрана (кнопка CLOCK)

(issue #451);

- + добавлена возможность последовательно проигрывать все файлы в папке; для музыки - виджет в главном меню (issue #452) (issue #480);
- + добавлена онлайн статистика просмотра тв архива (issue #459);
- добавлено сохранение серийного номера приставки в базу (issue #483);
- + добавлена возможность вручную с приставки управлять признаком ограничения по возрасту на тв каналах (issue #489);
- + добавлена возможность на мольаторской приставке выбирать хранилище при просмотре видеоклуба (кнопка PLAY) (issue #491);
- + добавлена поддержка smb/cifs (issue #242);
- + добавлена возможность просмотра JPG файлов в медиа браузере (для mag250) (issue #348);
- + добавлена возможность установки аутентификации для API(issue #426);
- + добавлена возможность отключения API (issue #467);
- + добавлена опция для хранилища - Недоступно для MAG100 (issue #485);

## v 4.8.19

- + добавлено управление доступом в определенные разделы главного меню для каждой приставки (issue #412);
- + добавлена возможность включения аутентификации и регистрации приставки по логину и паролю (issue #411);
- + добавлена возможность включения фильмов по расписанию (issue #244);
- исправлена ошибка при записи программы из EPG при переходе через сутки (issue #422);
- исправлена фоновая картинка строк для разрешения 720p (issue #421);
- исправлена ошибка, связанная с неактивной кнопкой "скачать" в разделе тв архива (issue #419);
- + добавлена возможность скачать или проиграть контент из веб браузера (issue #418);
- изменено поведение окна уведомления при активном плеере (issue #400);

## v 4.8.18

- исправлена ошибка при выборе субтитров (issue #297);
- исправлена ошибка перехода во внутренний портал (issue #300);
- добавлена поддержка atrack vtrack для временных ссылок;
- исправлена ошибка при обновлении и кеша фильмов для custom protocol;
- исправлена ошибка в работе PRV (issue #365);
- исправлена ошибка "черного экрана" по окончании медиа в UPnP (issue #370);
- исправлена ошибка при отключении приставки через API (issue #371);
- исправлена ошибка перехода во внутренний портал при закрытии напоминания (issue #375);
- + в тестовом режиме добавлена поддержка ТВ архива на Wowza;
- переделаны фильтры качества ТВ каналов;
- изменено управление опцией additional\_services\_on через API (issue #346);
- возобновлено логирование ошибок при проигрывании ТВ каналов;
- переделано взаимодействие модуля временных ссылок Wowza с порталом (issue #357);
- изменена работа окна выбора звуковых дорожек или субтитров (issue #360);
- + добавлена возможность скачать запись канала из раздела "Записи" (при

- использовании мультикаста);
- + добавлена возможность скачать передачу из ТВ архива (при использовании мультикаста);
- + непрерывное воспроизведение ТВ архива (при использовании мультикаста);
- + в API добавлена возможность отсылать сообщения на приставки (issue #376);

## v 4.8.17

- исправлена ошибка, при которой иногда в OSD при проигрывании отображалась программа передач (issue #276);
- исправлен неверный путь к файлу обновления при обновлении с USB для mag250 (issue #292);
- теперь при переходе в stand by поднимается уровень яркости индикатора на передней панели (issue #262);
- + добавлена поддержка WOWZA load balancing;
- + добавлены фильтры качества для тв каналов;
- + добавлен раздел Состояние Сети с возможностью замера скорости;
- + добавлен раздел Интернет;
- изменен механизм работы опции nfs\_proxy;

## v 4.8.16

- исправлено обновление с USB;
- исправлено переключение субтитров;
- + добавлена настройка URL для обложек фильмов;
- md5 сумма фильма теперь начинает подсчитываться в момент закрытия задания;
- в поиске уникальных фильмов по хранилищам добавлена поддержка модераторских хранилищ;
- + добавлена возможность привязывать к назделам справочные видеоролики, которые проигрываются по кнопке info (issue #238);
- обновились игры;
- исправлен нахлест текста в видеоклубе (issue #249);
- исправлена ошибка, приводившая к неправильному подсчету общего количества фильмов в видеоклубе (issue #250);

## v 4.8.15

- исправлена ошибка в работе напоминаний по ерг;
- + добавлен раздел Личный Кабинет;
- + добавлен раздел Видео Инструкция;

## v 4.8.14

- исправлена проверка пароля при просмотре закрытого контента;
- + добавлена поддержка временных http ссылок для Wowza Media Server.

- модераторские приставки теперь имеют полный доступ к ТВ каналам, независимо от подписок;
- исправлена ошибка с отображением обложек в видеоклубе;
- теперь по умолчанию в видеоклубе установлено отображение с инфо;
- исправлены стили в youtube и играх;
- фильмы, находящиеся только на модераторских хранилищах, теперь не отображаются в общем списке;
- + добавлена возможность мониторить состояние http каналов;
- + добавлена возможность проверять версию образа и автоматически обновлять по http при загрузке портала;

## v 4.8.13

- + разрешение 720p;
- + разрешение NTSC;
- + tv архив - из EPG можно просмотреть прошедшие передачи;
- + time shifting и pause live tv;
- + добавлена возможность ограничивать длительность непрерывного воспроизведения;
- + добавлен скринсейвер с настройкой интервала;

## v 4.8.12

- исправлена ошибка со сбросом в список всех каналов из режима избранных при выходе из EPG;
- + добавлена возможность скачивания фильма из видеоклуба на флешку по кнопке (REC) или из информации о фильме;
- + добавлен раздел загрузок;

## v 4.8.11

- + добавлена настройка update\_url;
- + добавлен режим single module - загрузка портала в tv или видео без выхода в другие разделы;
- + в тестовом виде добавлена поддержка внешних http хранилищ;
- обновлен youtube;

## v 4.8.10

- исправлена автозагрузка stalkerд;
- переделан rest клиент;
- выход из главного меню портала на url, переданный через GET[referrer];
- исправлена ошибка в логах управления видео;
- объединение пакетов каналов при импорте услуг;
- исправлен выход из игр;



## v 4.8.9

- исправлена ошибка в слое настроек;

## v 4.8.8

- добавлена возможность выбора города и страны в настройках локализации с помощью клавиатуры;

## v 4.8.7

- добавлен переход из сталкера во внутренний портал по EXIT из главного меню если сталкер был запущен из него;
- установка размеров и координат браузера;
- исправлен URL для обновления ПО через HTTP;
- добавлены настройки прокси для приставки;

## v 4.8.6

- исправлена ошибка с добавлением скриншотов;

## v 4.8.5

- + добавлена настройка прокси для сервисов, требующих интернет;
- + добавлена игра Sudoku;

## v 4.8.4

- исправлена ошибка с отложенной остановкой записи;
- добавлены настройки stalkerд;

## v 4.8.3

- исправлена первоначальная инициализация базы данных при установке;

## v 4.8.2

- исправлена установка буфера;
- добавлен демон stalkerд для контроля времени начала и длительности записи;
- исправлена ошибка с двумя активными строками в расширенном EPG;

- + добавлена возможность записи передач по EPG;
- + добавлена игра Lines;
- + добавлена игра Memory;
- + добавлена Picasa;

## v 4.8.1

- вызов меню переключения звуковых дорожек перенесен на кнопку APP (WEB);

## v 4.8.0

- исправлена ошибка сброса номера текущей страницы при перелистывании страниц в режиме предпросмотра ТВ;
- + добавлена новая система конфигурационных файлов;
- + в настройках добавлена опция установки адреса ntp сервера;
- + добавлена опция в конфигурационном файле display\_menu\_after\_loading;
- + новый механизм обновления версии;
- + добавлена возможность записи ТВ каналов;
- + добавлена настройка буфера воспроизведения;
- + добавлена настройка аудио выходов;
- исправлена ошибка черного экрана в Медиа Браузере;
- исправлена ошибка проигрывания запароленного канала в предпросмотре ТВ;

## v 4.7.2

- + добавлено REST API;
- + добавлен новый формат отображения видео - универсальный;
- при получении event 5 во время проигрывания тв канала по http будет произведена повторная попытка воспроизведения;
- + добавлена настройка - город по умолчанию (DEFAULT\_CITY\_ID);

## v 4.7.1

- добавлено отображение подсказки при смене формата видео изображения (aspect);
- исправлена ошибка с дублированием жанров в окне выборки видеоклуба;
- полностью переделана локализация интерфейса;
- + добавлена поддержка установки таймзоны;
- + добавлены опции выбора местоположения, которое влияет на текущую погоду и погоду на сутки вперед;
- + в качестве источника погоды теперь используется weather.co.ua;

## v 4.6.3

- исправлена ошибка переключения каналов цифрами на пульте в режиме предпросмотра;

## v 4.6.2

- исправлена ошибка, приводившая к проигрыванию канала в окне ТВ Гида;
- исправлено отображение окна выбора серии при большом количестве серий;
- исправлена ошибка с перемещением избранного ТВ канала между страницами;
- + добавлена возможность работы караоке по HTTP;
- + добавлена возможность быстрого позиционирования по контенту путем ввода на пульте времени перехода;

## v 4.6.1

- + добавлена возможность создания одноразовых http ссылок на ТВ каналы;
- раздел "USB Устройства" переименован в "Медиа Браузер", в разделе теперь отображаются все USB и UPnP устройства;

## v 4.5.1

- исправлена ошибка, приводившая к неправильному отображению статистики онлайн просмотра;
- исправлено переключение канала цифрами с пульта в разделе ТВ с предпросмотром и сортировкой "по имени";
- + добавлен раздел YouTube;

## v 4.4.92

- + добавлена возможность работы видеоклуба по HTTP;

## v 4.4.91

- добавлена информация в заданиях модераторов о том включен ли фильм;

## v 4.4.9

- исправлено поведение бегунка громкости при достижении граничных положений на контенте с коррекцией громкости;
- + добавлена возможность установки напоминания на передаче;
- добавлена возможность выбора режима просмотра сериалов - по одному/непрерывно;
- исправлена ошибка удаления элемента из списка избранного;
- в статистике модераторов отображаются только свои задания, редактор видит всё;
- добавлен фильтр спецсимволов в названии фильма;
- + добавлен раздел упрощенного ТВ Гида;
- + добавлен модуль обновления ПО;
- изменено поведение на нажатие кнопок CH+- в режиме предпросмотра ТВ;

## v 4.4.82

- изменены значения яркости, контрастности и насыщенности по умолчанию;

## v 4.4.81

- исправлена ошибка добавления фильма в избранное видеоклуба;

## v 4.4.8

- исправлена ошибка, проявляющаяся при удаленном отключении приставки;
- исправлена ошибка коррекции звука при включенном MUTE;
- добавлена возможность установки громкости в 50% (без учета коррекции) кнопкой REFRESH;

## v 4.4.7

- + добавлена поддержка сжатых gzip-ом файлов XMLTV;
- исправлена ошибка, возникавшая при нажатии кнопки TV на пульте на фильме, находящимся в паузе;
- исправлена ошибка, приводящая к появлению черного экрана при быстром нажатии ОК при входе в раздел ТВ;
- оптимизирована загрузка страницы “Задания” административного портала;
- + добавлен раздел ТВ Гид;
- исправлена ошибка при переключении ТВ из полноэкранного режима в режим предпросмотра;
- исправлена ошибка, возникавшая при попытке проиграть недоступный http ТВ канал;
- + добавлена коррекция звука для ТВ и Видеоклуба;
- изменены изображения для текущей погоды в главном меню;

## v 4.4.4

- исправлена ошибка при переключении избранных каналов цифрами;

## v 4.4.3

- исправлена ошибка, возникавшая при позиционировании фильма в начало;
- удалено сохранение времени, на котором был остановлен фильм в контексте текущей страницы списка;

## v 4.4.2

- исправлена ошибка, возникавшая при нажатии EXIT на проигрываемом http канале;

## v 4.4.1

- + добавлено отключение дополнительных сервисов;
- + теперь можно проиграть только те каналы, которые находятся в списке подписки;
- исправлена ошибка в Chrome при редактировании информации о фильме;
- исправлена ошибка при первой загрузке приставки, приводившая к остановке загрузки портала;
- исправлена ошибка, вызывавшая проигрывание канала в главном меню при выходе из раздела ТВ до заполнения списка;
- исправлена нумерация строк в текстовом выводе поиска фильмов по хранилищам;
- + добавлена настройка локализации интерфейса портала;

## v 4.4.0

- исправлена проблема с переключением каналов цифрами в списке предпросмотра;
- + добавлен раздел “городская справка” в инфопортал;
- + добавлен раздел “гороскопы” в инфопортал;
- исправлен баг с проигрыванием ТВ канала в главном меню;
- + добавлен раздел “анекдоты” в инфопортал;
- в видеоклубе по умолчанию установлена сортировка по добавлению;
- + добавлена игра “Быки и Коровы” в инфопортал;
- отключено начальное позиционирование при просмотре сериала;
- хранилища монтируются только при проигрывании;
- исправлен глюк в навигации по USB устройству;
- исправлено поведение раздела “USB Устройство” при отключении USB устройства во время проигрывания;
- + добавлено отображение текущего времени в режиме предпросмотра ТВ;
- при наличии нескольких видеофайлов в одной папке хранилища - не будет проигран ни один, за исключением ситуации, когда файлы являются сериями сериала;

## v 4.3.4

- исправлена ошибка проигрывания файлов с USB;
- исправлена ошибка сохранения избранного в видеоклубе;

## v 4.3.3

- + добавлен виджет курса валют в главном меню;
- + добавлен раздел инфопортал;
- + добавлен раздел погода в инфопортал;

- + текущая погода в главном меню;
- + добавлен раздел настройки родительского пароля;
- + добавлен раздел сортировки в видеоклубе - недосмотренное;
- в видеоклубе пункты "поиск" и "выборка" сгруппированы в один пункт - "другое";
- + в видеоклубе добавлена возможность добавлять/удалять избранное;
- + добавлено текущее время в OSD;
- добавлена очистка списка при выходе из раздела и переходе через страницу;

## v 4.3.2

- + поддержка RTSP/HTTP для видеоклуба;
- + поддержка RTSP/HTTP для караоке;
- + добавлена возможность создания хранилища только для модераторов;
- по умолчанию в разделе ТВ - список с предпросмотром;
- по ОК при просмотре ТВ - открывается список с предпросмотром;
- при переключении каналов кнопками вверх/вниз - отображается OSD;
- меню переключения звуковых дорожек и субтитров вынесено на безымянную кнопку;
- исправлена ошибка скрытия меню переключения звуковых дорожек и субтитров по кнопке MENU;
- при попытке проигрывания фильма с незамонтированного хранилища происходит принудительное монтирование, при неудаче - сообщение об ошибке;

## v 4.3.1

- проигрывание по ОК из раздела информации о фильме;
- + в списке ТВ появилась возможность цифрами переходить на нужный канал;
- + добавлена обработка кнопки Power;
- исправлена ошибка с удаленным переключением канала;
- исправлена ошибка, приводившая к зависанию портала на этапе загрузки;
- + поддержка английской локализации;
- исправлен баг с добавлением скриншота к фильму;

## v 4.3.0

- открытие раздела ТВ с фокусом на последнем проигрываемом канале;
- исправлен порядок избранных каналов ТВ при переключении каналов с пульта;
- + добавлено сохранение статуса включенного избранного в ТВ;
- исправлен баг при перематке фильма, когда после нажатия кнопки PLAY проигрывалось несколько секунд с предыдущего места;
- + добавлена обработка кнопки TV;
- добавлено перемещение в вертикальном подменю главного меню кнопками PAGE+/-;
- увеличен шрифт в информации о фильме;
- изменен тип AJAX запроса с POST на GET, что позволило уменьшить скорости утечки памяти;

## v 4.2.1

- исправлены ошибки при генерации меню переключения звуковых дорожек и субтитров;

## v 4.2.0

- + добавлен вывод версии образа в главном меню (в скобках);
- вывод дебага по умолчанию выключен, для его включения порталу необходимо передать GET параметр "debug";
- + вывод информации о текущей передаче в главном списке ТВ;
- исправлен баг, когда по ошибке вместо события - last\_played\_tv, на сервер отправлялось - last\_played\_video;
- в 4 раза увеличена скорость загрузки страничных данных раздела ТВ;
- исправлена ошибка, когда не проигрывается файл с USB устройства;
- + хранилище монтируются при начале проигрывания и отмонтируются при стопе (отключено из-за несоответствия с образом);
- + исправлена ошибка интерпритации нажатия кнопки 4 при переключении каналов;
- + новое главное меню;
- управление громкостью кнопками вправо-влево;
- исправлена ошибка наложения OSD слоя с информацией о канале в режиме ТВ "список с инфо";
- исправлена ошибка сбрасывания шага перемотки в видеоклубе;
- + добавлено меню переключения звуковых дорожек и субтитров (вызывается по ОК);

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