

## General

[Fix] Rare AV in core client (affecting all components) on disconnect due to error condition (timeout, socket error)

[Improvement] Added more exception classes to get bugreport from services commandhandlers

## Database

[New] Upgraded bundled Firebird to version 3.0.7

[New] Created Hotsec UDF functions library for Linux

[New] Signed UDF library because some AV started getting false-positives and removing it

## Client

0000377: [Fix] AV in entering design mode after drawing import error

0000375: [Improvement] Close alarms window on disconnect

0000374: [Fix] Cancel command in "Working on command" dialog did not working in rare cases

0000363: [Fix] AV in drawing page button click following failed drawing load

0000337: [New] Added option (on by default) to allow only single instance of client

0000356: [Fix] "Class not found" error on client start, client cant start. Same as #340.

0000355: [Fix] Fixed hang on keepalive timeout

0000353: [Fix] Potential fix for List index out of bounds error after deleting area

0000354: [Fix] Rare AV on reconnect after getting kicked out by an admin.

0000352: [Fix] Rare hang on disconnected network (user removed cable)

0000348: [Fix] Slow login (busy server or extra big system) triggered frozeed check

0000340: [Fix] Error store UsersTracking object. The problem was caused by running and then closing multiple instances of client at the same time (doing a restart).

0000188: [Improvement] Reduced drawing memory requirements by ~15%

[Fix] Localized row captions were incorrectly loaded in settings window

[Improvement] Keep loading other plugin settings when one plugin fails

[Improvement] Exposed date and time utility functions to report code

[Improvement] Added hooks so report generator can pass parameters when executing reports

[Improvement] Focus on newly imported report after report import

[Improvement] No reconnect after kicked, user must manually click on connect button

[Improvement] Natural sorting in department, object and list selection dialogs

[Improvement] Holding shift while clicking page order buttons now moves page to top or bottom of stack

[New] Command line switch "/logintest" for checking server availability; result is returned by errorlevel (customer request)

[Fix] Report query editor window size was incorrectly restored

## Core service

[Improvement] No longer logging errors in event log when client is denied connection due to missing license

[Improvement] Added startup check for Hotsec UDF

[Improvement] Skip bugreport when generating report causes out of memory error

[Improvement] Skip bugreport for non-fatal service connection errors (already

connected, db offline, etc)

[Improvement] Added logging for clients listener thread error (bug #?)

[Fix] Offline mode did not trigger/end some times

[Improvement] Authenticate user in client db connection (workaround for blocked login while index rebuilding in progress)

[Improvement] Log license id and core service version with startup message to database

[New] User and usergroup modifications are now delivered to other connected clients immediately, no longer requiring refresh of table.

Paradox

0000378: [New] Now logging an event when account is deleted or uploaded due to date limits

0000350: [Fix] Client appears frozen after panel changed by another client

0000344: [Fix] Service hang when uploading holidays

0000338: [Improvement] Client unresponsive while toggling zone logging option

0000141: [New] Added option to highlight zones instead of partitions in case of alarm

0000322: [Fix] Already downloaded event logs downloaded again service start

0000103: [New] Events are logged when user account valid period starts and ends

0000104: [New] Zone bypass command added to drawing popup menu and system settings

[New] Marked panel versions 6.86, 7.10, 7.11, 7.30, 7.31 as ok, marked version 7.20 as unsupported

[Improvement] Removed zone name from event texts

[Fix] Panel password validation now always 4 digits (used to depend on password length setting by mistake)

[Improvement] Added card and user options default value loading from db and default options are used for new users

[New] Added time options for door open command

[Fix] Incorrect timezones were generated for door schedule functions

[Fix] List index error in checkqueue

[New] Exposed door commands via db

[Fix] AV on service disconnect from core

[Improvement] Added panel id as parent object to remaining events

[Improvement] Now showing disabled panels with gray text in user permissions editor

[Improvement] User counts did not update for disabled panels

[New] Added three state (by group, direct, off) partition checkbox in user partitions tree

[New] Added drawing menu item to arm in stay mode

[Fix] Zones visibility was not applied according to toolbar button on startup/map load

[Improvement] While downloading event log, send ack (moves along last event number in panel) after at least every 20 seconds and perform any pending ack before panel job stop

[Improvement] Cancel pending ack and set time commands when panel has gone offline

[Fix] Rare AV on panel offline/service shutdown

[Fix] "Attempt to read beyond end of buffer" in final step of users download wizard when one or more users code was cleared

[New] Added entry delay on zone event

## Soyal

0000245: [Improvement] Plugin: show access groups gained by usergroup but removed in bold text  
0000094: [New] Should log event in log when card is deleted due to date limit  
0000357: [Fix] Incorrect timezones were generated for door schedule functions  
0000334: [Fix] Error when trying to change master code for 725E  
[Improvement] Add option to skip floors upload for 725E  
[Fix] Fix uploading group 32 for 725E  
[Fix] Timeout immediately when node is found to be offline while processing delta  
[Improvement] In user window, show disabled card in gray text  
[Improvement] In user window, showing disabled channels with gray text in card groups tree  
[New] In user window, added three state checkbox to card group editor  
[New] In user window, Added restoring group option to override doors  
[Improvement] Implemented group enabled flag. Now uploading empty group data for disabled groups  
[Fix] AV when creating new card group and pressing ctrl+left/right in editor window  
[Improvement] Added channel id to remaining events  
[Fix] Ghost double of new card when new user was created from log and stored using "Apply" button  
[Fix] Same card permissions got uploaded to each 725E in channel with more than one 725E  
[Improvement] No longer restricting node index to max 2 for AR725E  
[Improvement] Showing note about upload after changing floors for AR725E  
[New] Added fingerprint event decoding  
[New] Added option to channel to allow uploading user changes even while one or more controller class nodes are offline

## Checkpoint plugin

[Improvement] Added skip button  
[Improvement] Added door open time selection;

## CardIssue plugin

[Fix] Stream read error after login with lock button  
[Improvement] Added showing card number loaded to SIM in parentheses  
[Improvement] Added filtering db errors on card number activation

## CID plugin

[Fix] Zones visibility was not applied according to toolbar button on startup/map load

## Panic alarm plugin

[Fix] Drawing tool buttons for client and button did not stay down when clicked

## Report generator plugin

[Improvement] Added run report now command  
[Improvement] Added passing parameters for report  
[Fix] Skip trying to run report when client offline

## Notification

[Fix] When sending old event again then previously attached image was also included

[New] Added clear image button to UI

#### SiteMonitor plugin

[New] Added AntiPassback feature. APB option can now be enabled for each site. Alarm events will be generated in case of double-entry or double-exit.

[Fix] Automatic table update did not work. Modified Paradox and Soyal plugins not to consume access events so site monitor can auto-refresh