

QxControl Release Notes

These are technical release notes. For a marketing overview of new features, please go to: www.qumulex.com/blog

2021-08-31

Web App Only (version id: 97c591b1)

- Fix – On first login, user did not see email verification message

2021-08-27

Backend (version: 1344, build id: 2707e317)

- Feature – Export and share clips
- Enhancement – Backend can connect to rtsp sources
- Enhancement – IP devices are set to connect to gateway NTP server
- Enhancement – Support site code 0
- Enhancement – Qxminion logs which device is reconnecting
- Enhancement – upgrade version on rtc library
- Enhancement – Stream from cameras which do not support Onvif pullpoint
- Enhancement – Gateway reports systeminformation
- Enhancement – report oldest video on gateway drive
- Enhancement – additional camera analytics are tagged
- Enhancement – backend stores camera display settings
- Fix – improve proxy ability to transfer large messages, e.g. firmware
- Fix – Improved reconnection to streams on qxminion restart
- Fix – Prevent qxminion tight loop when camera fails pullpoint request
- Fix – qxmedia memory leak
- Fix – improve download performance on long video searches
- Fix – record to cloud the same stream as record to local drive
- Fix – issues with setting default View for a Place
- Fix – door could be created with empty device config
- Fix – add access denied reason
- Fix – gateway id correct when video source is at a different place
- Fix – read-only drives created too many log file entries
- Fix – could fail to respect disabled flag on camera
- Fix – can set device media profiles

Web App (build id: 2e752d7a)

- Feature – Export and share clips
- Feature – Upload image for gateway thumbnail
- Enhancement – improve door contact verbiage
- Fix – Correct icons for camera events on camera page
- Fix – Ability to assign user roles

- Fix – improve route authorization handling
- Fix – improve camera reconnect verbiage

Known Issues

- ch20200 - Safari desktop is incompatible with streaming library. Use Chrome or Firefox on desktop. On iPad, switch to iOS player mode.

2021-07-27

Web App Only (version id: 54b576f2)

- Feature – New Live widgets sidebar supports drag & drop on mobile, filtering of available widgets, intuitive view editing, awareness of currently displayed widgets, live door status, improved scalability with large number of widgets
- Feature - UI paradigm on Cameras consistent with rest of app with additional camera information in the list view (e.g. IP address)
- Enhancement – Allow longer client-side exports
- Enhancement – Easier cut & paste of credentials
- Enhancement – Allow Wiegand0 for supported gateways
- Enhancement – Full screen on double click and icon work and support dptz and osd
- Enhancement – Improve browser to client peer connection process
- Fix – Out of Memory error when cameras page is open for a long time
- Fix – Live door status icons accurately reflect lock state
- Fix – Remove Sentry error reporting
- Fix – Improve performance with bad camera
- Fix – Reduce page refreshes caused by syncing changes from simultaneous users

2021-06-24

Backend (version: 1182, build id: 89b6f8c9)

- Feature – Backend video streamer supports trick modes in client and select playback from cloud or premises
- Enhancement - switch backend video streamer to new webRTC library for improved reliability
- Enhancement - set QXDC memory limits
- Enhancement – record video to all drives in the system
- Enhancement – add settings for Aperio into door templates
- Enhancement-Goto Webpage for cameras/controllers no longer tries to automatically log in to device
- Fix – handle door states when there are no door contacts
- Fix – controller needs update when place timezone changes
- Fix – replication commands added but disabled
- Fix – replication timeouts and errors
- Fix – occasional error deleting a device
- Fix – Trim stale snapshots from database

Web App (build id: bd4dfc46)

- Feature - Live supporting digital ptz and on screen display
- Feature – Search video player supports digital ptz, on screen display, single step, fast forward
- Feature – UI paradigm on Views, Gateways, Roles consistent with rest of app
- Enhancement – Live video player is more reliable and more informative with connection state indicator
- Enhancement – Search video player can start playing without downloading entire event clip
- Enhancement – can add and configure Aperio doors from Axis controllers
- Fix – coloring on Live UI selection dialog in mobile

2021-05-03

Web App Only (version id: 2e542207)

- Fix – “Now” button on search may not return results

2021-05-01

Backend (version id: faf987f3)

- Enhancement - Search features and performance
- Enhancement - Performance of People page showing credentials
- Enhancement - Auto set credential on site code 0
- Enhancement - Event count widget performance
- Fix - Allow two of the same pins at same site
- Fix - Limit name lengths in Axis A1001/A1601 controllers to 64 chars
- Fix - Don't update Axis A1001/A1601 controllers when in openTooLong state

Web App (version id: 6bc4fa42)

- Feature - Search interface improvements
- Enhancement - Improved searchability on people and doors pages

2021-03-31

Web App (version id: fb3f7d79)

- Feature - UI paradigm on People, Groups, Permissions pages matches doors for consistency and mobile & browser navigation efficiency
- Enhancement - links from credentials on door recent events list
- Enhancement - notify if search results are empty
- Enhancement - clip start time shown on search result card
- Fix - font colors on email verification dialog for new users
- Fix - search tags are sorted and scrollable
- Fix - reliably delete a camera

2021-03-14

Backend (version id: 79562e0e)

- Feature - Access control, supporting Axis A1001/A1601 controllers
- Improved ip device connection reliability (mi-mr83)

Web App (version id: fd46d9e8)

- Feature - Access control
- Enhancement - Dark color scheme
- Multiple fixes to Places, People, Groups, Permissions, Schedules, and Search to support access control

2021-01-07

Backend (version id: ec65847a)

- Fixed issue where gateways would not have a correct version / show proper connection status (ag-mr367)
- Fixed issue where device connection information was exposed (ag-mr366)

2020-12-19

Backend (version id: 30cba75e)

- Ensure video segments are available when event db indicates video (ag-mr344)
- Improve performance of editing, deleting, and showing events for a person (ag-mr348)
- Two events at same time generating a snapshot could drop one of the events (ag-mr352)
- Added improved billing schema (ag-mr350, db-mr2)
- Improved logging and error-handling (e.g. if cloud db connection is dropped) (ag-mr337, 346, 355)
- Improve duplicate motion and window events separated by wider arrival time (ag-mr354)
- One camera's slow response to stream subscription could affect other camera connections (mi-mr56)
- Fix spurious gateway connection events when a camera was in a connecting state (mi-mr56)
- Improve connection to Arecont multi-sensor cameras (mi-mr50)
- Improve reconnection to cameras after error or power loss (mi-mr50, mi-mr54)
- Large number of client connections could prohibit additional client video streams from connecting (md-mr20)
- Ensure at least one profile can provide snapshots from a camera (mi-mr55)
- Third-party infrastructure components update for bug fixes and performance improvements

2020-12-01

Web App Only (version id: d3d2f7ab)

- Show logged in email in Settings
- Better icon and name for release notes
- Fix People badge printing
- Fix icon display error on People page with custom roles
- Fix slow loading on People edit
- Improved validation of email address on People edit

2020-11-18

Backend (hot patch mr340)

- Event search card duration did not match actual video duration

2020-11-09

General (web app version id: 339cea25)

- Avatar display name matches person card information

Places

- Selector dialog does not periodically jump to top

Backend (version id: 7b8309ec)

- Highest res streams are recorded to local disk (ch12380)
- Rare cases cameras might not be connected after restart (mr323)
- Improve search performance (ch13336)
- Fix permissions on device config script (mr336)
- Improve duplicate motion and window events (mr335)

2020-11-02

Web App Only (version id: 49fc7d8d)

- Go to live FAB from Views page
- Fix login for users with role that does not include status privilege
- Live is default page for users with role that does not include people privilege
- New users default to 1x1 layout and default views enabled
- All clickable buttons have common blue color
- Places tree does not jump back to top
- Improved handling of live video disruptions
- Fix rare cases where search results were not in time order

2020-10-16

Live (web app version id: d2e6f05d)

- Drag resources between video panels

- If h.265 profile was configured in a camera, do not show it in resource list

Gateways

- Remove unnecessary field from licensing dialog

Backend (version id: 75939f7e)

- Any logged in user can make systemInformation query
- Improve logging of message queue and snapshot events
- Keep from enabling unsupported media profiles
- Ensure wireguard address is correct at startup
- Improve efficiency of media delete messages
- Graceful shutdown of message queue on upgrades

2020-10-06

General (web app version id: fc5a72b8)

- Improve responsiveness of connection status icon and changed icon upon direct connection to local gateway

Cameras

- Fix show password button

Backend (version id: 98051bac)

- Fix search responsiveness issue introduced 2020-10-02

2020-10-02

General (web app version id: cb7583f7)

- What's New link included in web app update notice

Live

- Do not show indicator of total number of resources when dragging in new resource

Search

- Fix issue where first video segment of an event may not be shown
- Fix inconsistent clip duration shown in player
- Fix when device and gateway connection events show unknown in name

People

- Validate email address format

Groups

- Fix issue with adding picture to Group or Permission

Cameras

- Warn if adding a device at a duplicate IP address
- Support several new analytic events from Hanwha A90x cameras
- Improve connection to camera when NAT required
- Fixed issue with too many concurrent camera connections
- Fixed issue where cameras could fail to stream video after gateway restart

Backend (version id: f96372eb)

- Update cloud usage stats daily

2020-09-29

Web App Only (version id: c09618b2)

- Improved selection of appropriate video resolution to display

2020-09-18

Web App Only (version id: 85351cbc)

- Fix ability to delete a camera
- Improved message shown on incompatible browsers, e.g. IE

2020-09-16

Web App Only (version id: 4674854e)

- Fix ability to save a view in Live mode
- Multiple browser sessions can have different live views
- Live FAB text changed to “Load selected resources” for consistency

2020-09-08

Web App Only (version id: ef96ba4a)

- Fix Cameras page “Go to webpage” FAB
- Fix search on config pages
- Fix failure to create login role when adding a person
- Fix error deleting a person

2020-09-03

General

- List vs column view on config pages persists on a per page basis
- Fix connection port so web app can connect to port forwarded on-premises appliances
- Improved web app startup performance

- Allow use of google login from domains outside of qumulex.com
- Fix web app hang after exiting settings dialog

Places

- Fixed sorting of places at each hierarchy level
- Fixed issue where tree periodically reset to top

Live

- Remove save snapshot FAB
- Fix issue on reconnecting video when switching back to live for on-premises appliance
- Fix issue on iOS when app goes to background
- Consistent naming of system stats widget

People

- Uses appropriately scaled images to improve responsiveness

Groups

- Drag and drop of members

Gateways

- Show link to connect to web-based appliance management UI and “go to webpage” FAB

Cameras

- Add reconnect button to allow manual reconnect to refresh camera parameters

Doors

- To eliminate confusion, now shows “coming soon”

Backend (version id: bff99a1c)

- Correct stream is delivered for multisensor cameras
- Fix issue with duplicate camera connection that could cause local drives to fill
- Improved cloud event message reliability and capacity
- Fixed email case sensitivity on login issue
- Correct stream is chosen from camera after reconnection or reboot

Known Issues

- Can not type in search bar on multiple config pages
- Go To Webpage FAB on cameras opens empty URL

- Creating people with roles is failing

2020-08-19

Web App Only

- Fixed Live camera selection in mobile with Load Selected Widgets FAB
- Fixed error in live camera connection process that could cause stall at blue spinners
- Fixed error when saving permissions
- Client hangs when trying to edit, particularly on cameras
- Fixed search for places in dialogs
- Fixed losing group members when updating group image

2020-08-15

General Web App

- Sorting works on all list columns and card elements

Live

- Multi-sensor cameras are supported
- Improvements to live connection and reconnection on errors
- Improved playback performance
- Improved performance of Live Events widget which previously slowed video playback
- Improved live video latency

Search

- Fix issues with search tags returning unintended results
- Fix search refresh button functionality
- All event types are searched
- Improved event snapshot algorithm
- Improved method for playing back cloud vs local clips

Cameras

- Saving camera changes failed if camera or gateway were offline
- Camera status icons are consistent and accurate throughout the app

Views

- Default view checkbox works

Backend

- Improved device reconnection on gateway restarts, including if cloud is unavailable
- Fix connection issues with FLIR cameras
- Improved stability of local recording cache
- More reliable event notification to the cloud

Known Issues

- Email is case sensitive for login authorization. Always use lower case in email when creating a user and when logging in

2020-08-04

Web App Only

- Fix Cameras page FAB
- Auto select gateway on camera add if only one is available
- Add cloud storage widget to live
- Fix Places chooser in permissions causing validation message
- Changing who/how a Place type can be chosen
- Add cloud storage options to camera card and list view

2020-07-30

Login and General

- Client differentiates between unauthorized and unable to connect to cloud
- Required fields are validated on all edit dialogs
- Improved appearance of warning messages from backend

Live

- Default views must be set in Views config
- Fix erratic checkmark in resource selection cards
- Improve player performance on iOS

Search

- All searchable tags are now shown
- More efficient search queries used
- Player can play clips from cloud
- Clips can be saved as MP4 files

Places

- Clear scope in dialogs respects user's set scope. From app bar it goes to user's root scope.

Groups

- Group with no members may be created

Permissions

- Improve UI on schedule selection

Roles

- View and Search privileges now enforced in client
- Manage Configuration role has been removed

Gateways

- License for on premise gateways can be entered via FAB
- Resource counts are shown in gateway list view

Cameras

- Fixed camera status in list view
- Disabled cameras no longer produce events
- FAB actions work to go to live and search on selected camera
- Cloud storage duration can be set from 0-365 days (QXC0-QXC365)

Backend

- Cloud recording now working, using profile closest to 1080P
- Cloud to premises replication via manual initiation

2020-06-24

Login

- User must now accept Terms of Service on first login

User Settings

- All user configuration options and build information has been moved under the user avatar. “?” button in toolbar has been removed.

Live

- Added mitigation for connection issues that resulted in spinners

Search

- Improved icons
- Fixed Z-order issues - date selector overtop of the save dialog
- Event list is more complete with events like connection status available
- Status tag is now usable, for example you can now filter connection status by disconnected
- Bug fixes in time sync that resulted in spinners for video playback
- Added video exists indicator to show when there is video for the clip
- Fixes for autoplay on safari/IOS
- Fix for “Play in new tab” FAB function

Places

- Converting a single gateway customer to multi-site - Create new customer, edit old customer, change to site and put under new customer, save
- Confirmation on moving any place from one customer to another

Gateways

- Removed Add and Delete from FAB. Gateways will be added by Qumulex operations upon order fulfillment, not by Integrators.
- Added gateway version in list view
- Fix sort by connection status

Roles

- Show/hide of available menu items and FAB actions based upon user’s role
- Remove manage configuration role

Cameras

- Improved connection with Vivotek cameras

- Fix connection failure for cameras without username/password
- Improve event parsing for Axis encoders
- Time sync of video/event from cameras to gateway time

2020-06-11

Live

- There are now several Chart widgets in resources, doors show up like cameras
- Improved resource selection tray the headers have icons and do not scroll out of site
- Setting a default view for a place has been implemented, along with a user option to enable or disable the use of default views. When enabled, changing scope will cause the default view for that place to be displayed.

Search

- A Refresh button has been added. While searching the results are static, new events that may have happened do not display automatically as this may disrupt the search process. Clicking refresh will re-run the search and include any qualifying new events.
- Video playback length should now match the duration of the event, i.e. from Motion = true to Motion = False events
- Playback should match the event with some pre-alarm video before the event time.

Places

- Removed drag and drop functionality due to concerns about inadvertent changes.
- implemented prune and graft operations in the edit dialog, by allowing users to change the parent place - where the place being edited belongs to.
- Implemented a confirmation dialog if the prune & graft operation crosses customers

People

- Card now has more granular indication of credential status
- Disable will disable all credentials and the user's login
- Cards now have badges indicating the person's role if they have one

Cameras

- Adding a camera should now always result in a camera card

- You must now pick the gateway you want the camera to record on
- Place is for associating devices (i.e. doors and cameras)

Doors

- not yet functional

Views

- Updated the edit dialog to support editing the name, place and default flag