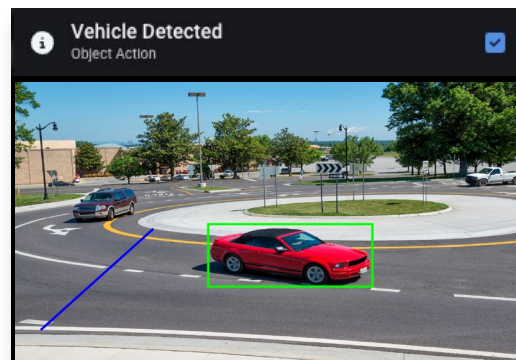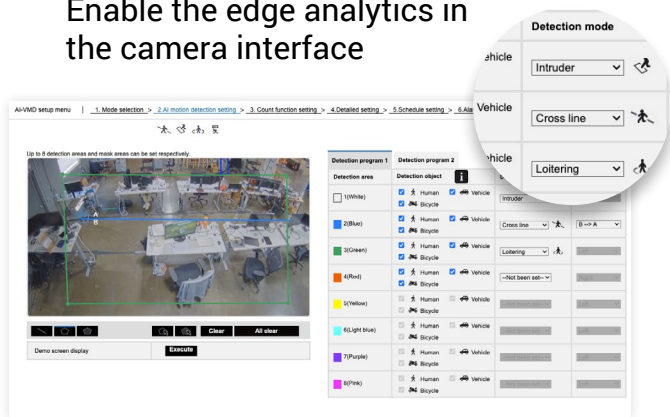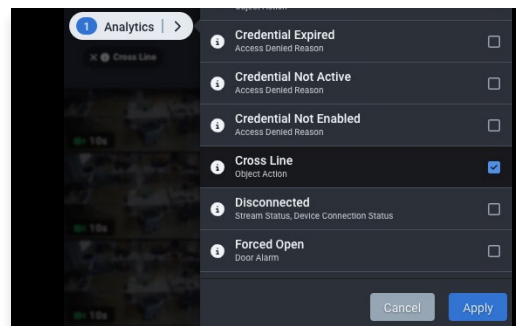# Edge Analytics Overview

Many camera manufacturers are now offering advanced analytics built right into the camera and QxControl was built from the ground up to help you take advantage of these analytics. QxControl offers the ability to filter and search on edge analytics produced by these cameras using Smart Tags. Simply enable the analytics from the camera interface, and then use Search or Timeline in QxControl to search on the events produced. QxControl is truly "Edge Analytics" Ready!
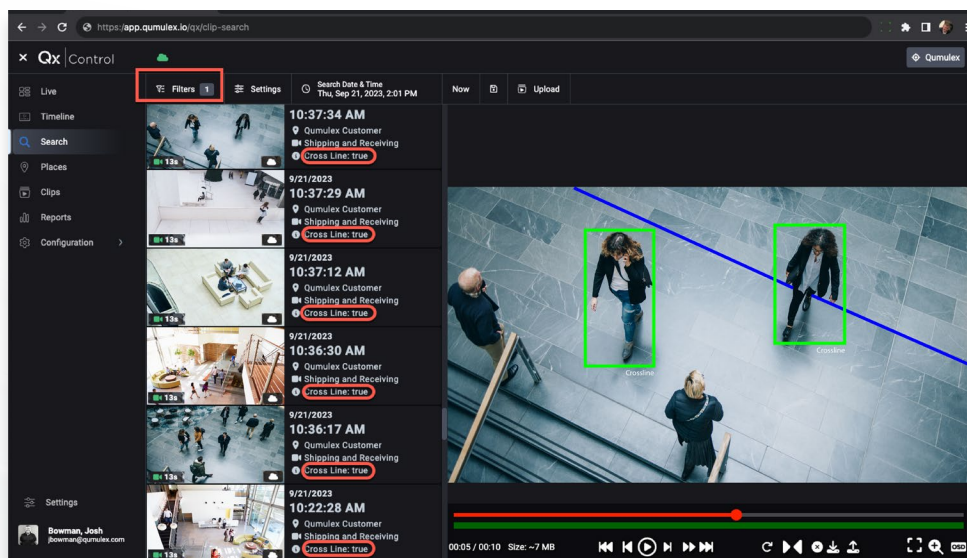

1 Enable the edge analytics in the camera interface

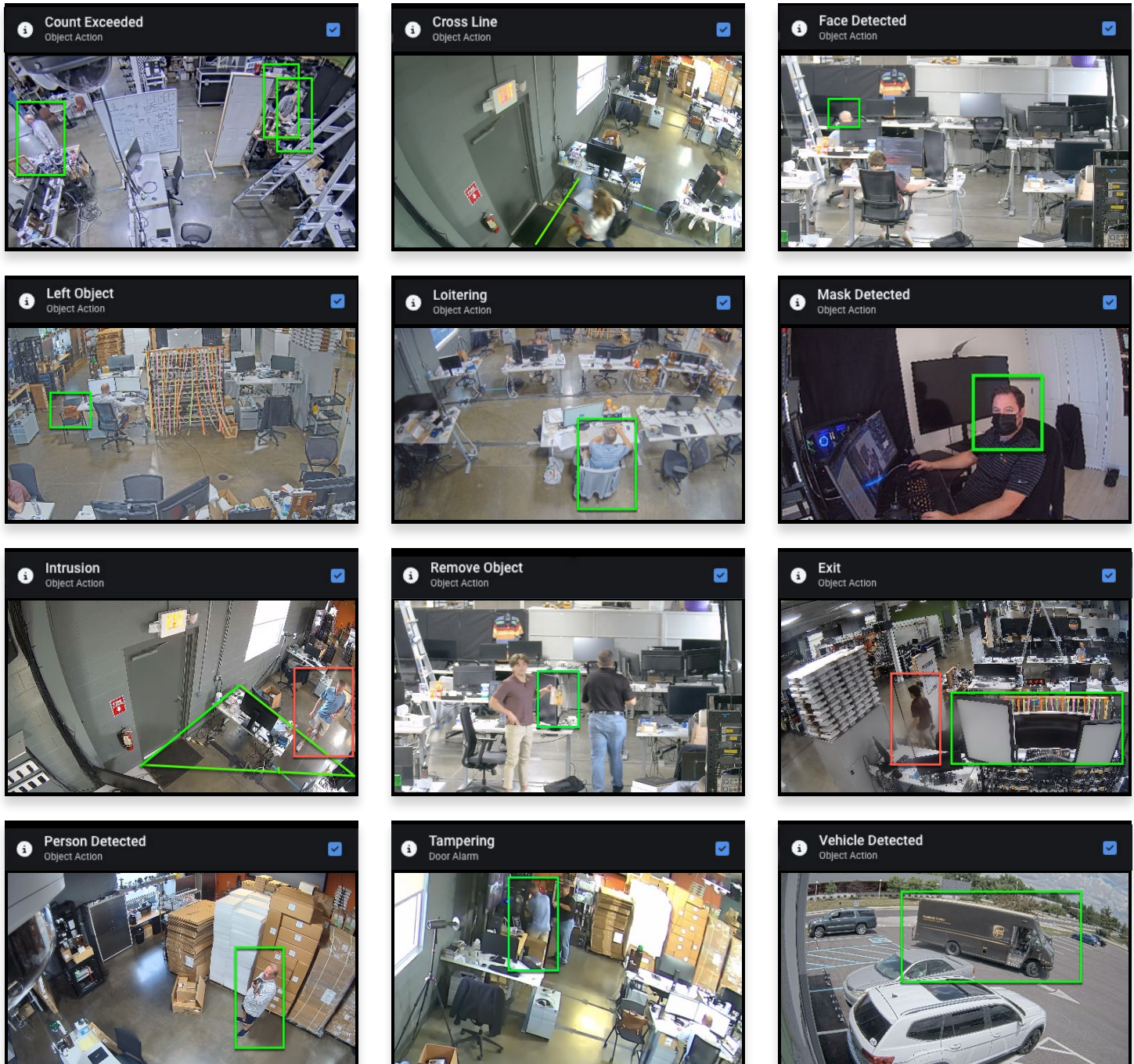**2** In Search or Timeline choose **Filters > Analytics** to select a **Smart Tag**

3 Select from the available events that match your selected Smart Tag to play, save or share video of events that result from edge analytics

Edge Analytics: Smart Tag Options

Smart Tags are used in QxControl to search for events. When using camera based analytics, here are the options available in Search and Timeline:

Not Shown: Appear Disappear, Audio Detected, Object Tracking, Scheduled Interval
For bounding boxes to appear in QxControl, the camera must support displaying bounding boxes via the

2

Supported Edge Analytics

The following list highlights officially supported edge camera analytics.

Note: Analytics from other manufacturers not listed may also work. The products listed below are officially tested & supported.

i-PRO

QxControl supports the AI VMD line of camera analytics

Click here for more information about i-PRO AI VMD:

i-PRO Analytics

1. Intruders
2. Cross Line
3. Loitering
4. Direction

QxControl Smart Tag

1. Intrusion
2. Crossline
3. Loitering
4. Enter

Axis

QxControl supports the Guard Suite line of camera analytics

Click here for more information about Axis Guard Suite:

Axis Analytics

1. FenceGuard
2. MotionGuard
3. LoiteringGuard

QxControl Smart Tag

1. Intrusion
2. Crossline
3. Loitering

Supported Edge Analytics

The following list highlights officially supported edge camera analytics.

Note: Analytics from other manufacturers not listed may also work. The products listed below are officially tested & supported.

Hanhwa Vision

QxControl supports the AI Object Classification line of camera analytics

[Click here for more information about Hanwha AI Object Classification.](#)

Hanwha Vision

Hanwha Analytic	QxControl Smart Tag
1. Face	1. Face Detected
2. Left/Right	2. Crossline
3. Intrusion	3. Intrusion
4. Loitering	4. Loitering
5. Enter	5. Enter
6. Exit	6. Exit
7. Appear/Disappear	7. Appear Disappear
8. Vehicle	8. Vehicle Detected
9. Person	9. Person Detected
10. Audio Detection	10. Audio Detected
11. Tampering Detection	11. Tampering
12. Detection/Mask	12. Mask Detectee

Hanwha

Qx

4

Supported Edge Analytics Continued

Pelco

QxControl supports the Smart Analytics line of camera analytics.

[Click here for more information about Pelco Smart Analytics:](#)

Pelco Analytic	QxControl Smart Tag
1. Abandoned Object	1. Left Object
2. Loitering Detection	2. Loitering
3. Object Counting/ Count Exceeded	3. Count Exceeded

Vivotek

QxControl supports the Smart VCA line of camera analytics.

[Click here for more information about Vivotek Smart VCA:](#)

Vivotek Analytic	QxControl Smart Tag
1. Intrusion Detection	1. Intrusion
2. Line Crossing Detection	2. Crossline
3. Loitering Detection	3. Loitering
4. Missing Object Detection	4. Remove Object
5. Unattended Object Detection	5. Left Object
6. Crowd Detection	6. Count Exceeded

Supported Edge Analytics Continued

Bosch

QxControl supports the IVA line of camera analytics.

Click here for more information about Bosch IVA:

Bosch Analytic	QxControl Smart Tag
1. ObjectinField	1. Intrusion
2. CrossingLine	2. Crossline
3. Loitering	3. Loitering
4. ConditionChange	4. Intrusion
5. FollowingRoute	5. Intrusion
6. RemovedObject	6. Remove Object
7. IdleObject	7. Left Object
8. EnteringField	8. Enter
9. LeavingField	9. Exit
10. SimilaritySearch	10. Left Object
11. Crowd Detection	11. Count Exceeded
12. Counter	12. Count Exceeded
13. Occupancy	13. Count Exceeded