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Auto Stream

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What Auto Stream Does

Auto Stream is a GCXONE feature that automatically opens live camera feeds when an intrusion alarm is triggered at a site. It is built for environments where alarm systems (such as motion detectors, door contacts, or other sensors) are connected to Talos but don't provide video on their own.

When an alarm is triggered, Auto Stream instantly starts streaming the cameras linked to the affected zone. This gives operators immediate visual context without needing to search for cameras or take any manual action. The correct cameras appear automatically in the Video Viewer.

Why It Matters

In many real-world setups, alarms and video operate separately. An operator gets an alert—but still has to find the right cameras manually. That takes time, especially during high-pressure situations.

Auto Stream removes that friction.

By automatically linking alarms to video feeds, operators can immediately see what's happening on-site. This improves response speed, reduces manual effort, and helps teams make faster, more confident decisions.

How It Works

When an alarm triggers, Talos sends a message through the Genesis-Talos Bridge to GCXONE. GCXONE identifies the cameras mapped to that zone and streams them immediately.

Depending on the scenario:

- Matching zone found → Only cameras mapped to that zone are streamed

- No matching zone or no zone in alarm → The entire site is streamed
- Multiple alarms → Cameras from all relevant zones are combined (no duplicates)
- Motion alarm present → Motion alarms take priority and switch to quad view
- New alarms during workflow → The stream updates automatically in real time

Prerequisites:

Before enabling Auto Stream, confirm the following are in place:

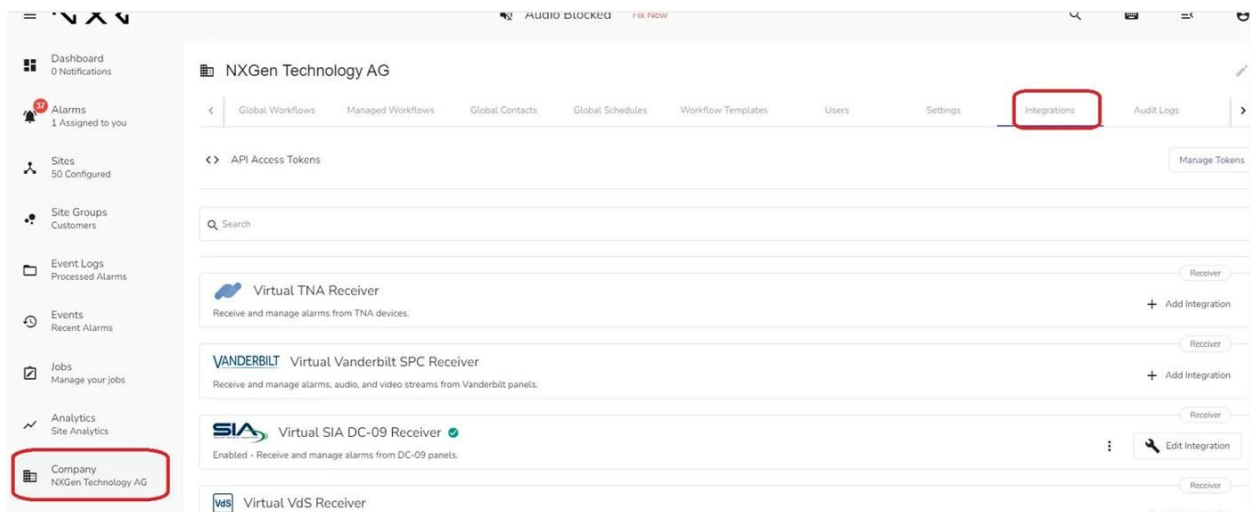
- Genesis-Talos Bridge extension is installed and active
- NXGEN Genesis integration is enabled in Talos
- Auto Stream alarm codes are configured in Talos (typically BA or BA 130)

Configuration Steps

To configure Auto Stream, follow these steps:

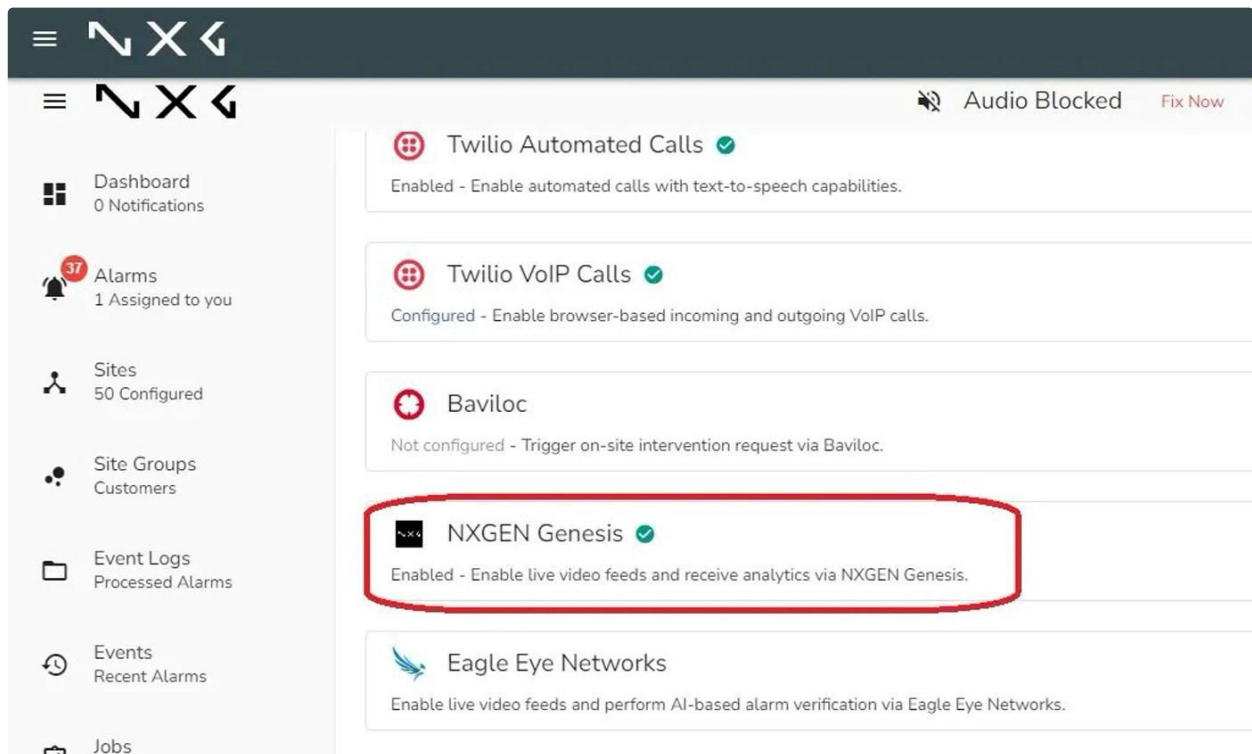
Step 1 — Enable the NXGEN Genesis Integration

In Talos, go to Company → Integrations and confirm that the NXGEN Genesis integration is enabled.



Talos Company Integrations tab showing available integrations

Figure 1: Talos Integrations Tab - Confirm the NXGEN Genesis integration is enabled before configuring Auto Stream.



NXGEN Genesis integration shown as Enabled in Talos

Figure 2: NXGEN Genesis Integration - The integration must show as Enabled for Auto Stream triggers to reach GCXONE.

Step 2 — Configure Alarm Codes

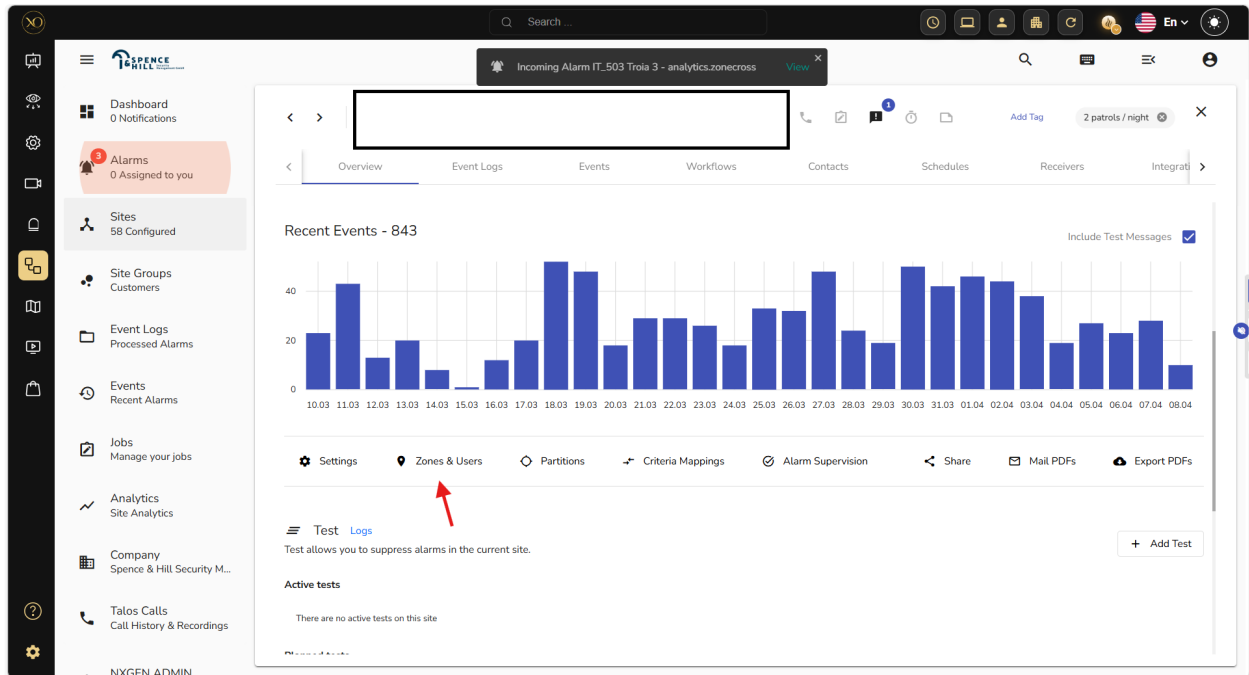
Within the NXGEN Genesis integration settings, define which alarm codes should trigger Auto Stream. Use BA or BA 130 , which are the standard codes for intrusion panel alarms.

Step 3 — Create Zones in Talos

For each site:

- Navigate to the site in Talos
- Open the Zones and Users tab
- Add zones with a Zone ID and Zone Name

Always create zones in Talos before configuring them in GCXONE.



A site in Talos with a bar chart of recent events, an incoming alarm banner above it, and an arrow pointing at Zones & Users in the row of site actions.

Figure 3: Talos Site Overview – The Zones and Users tab is accessible from the top navigation within the site.

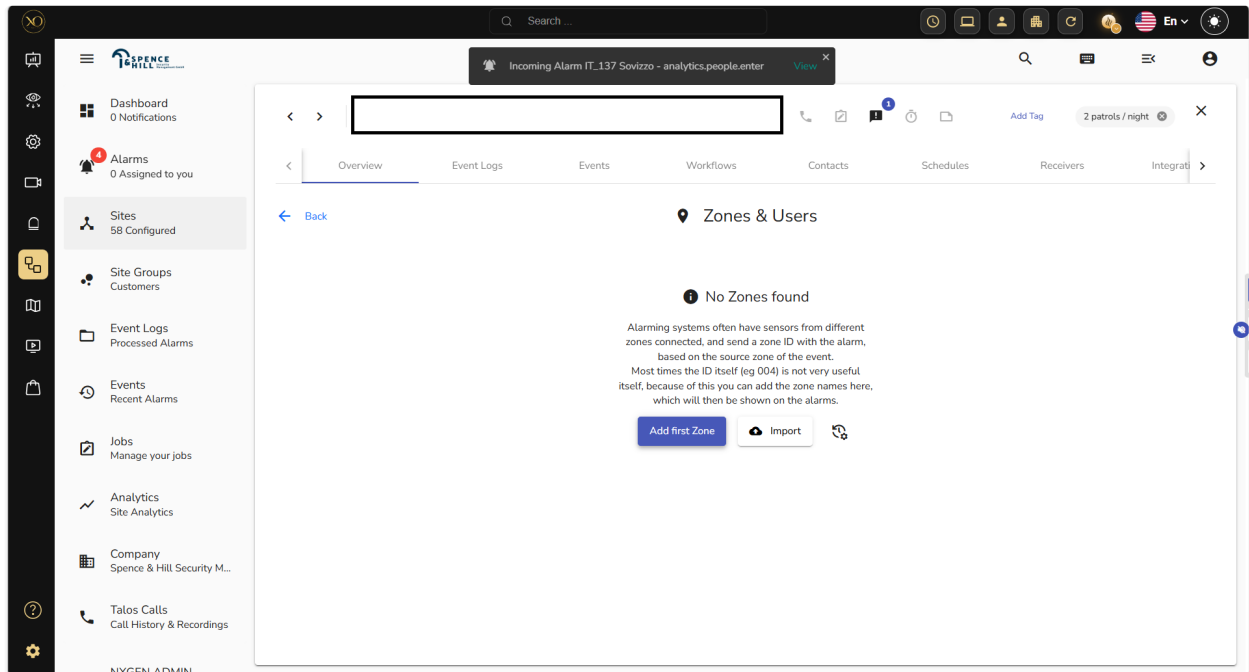
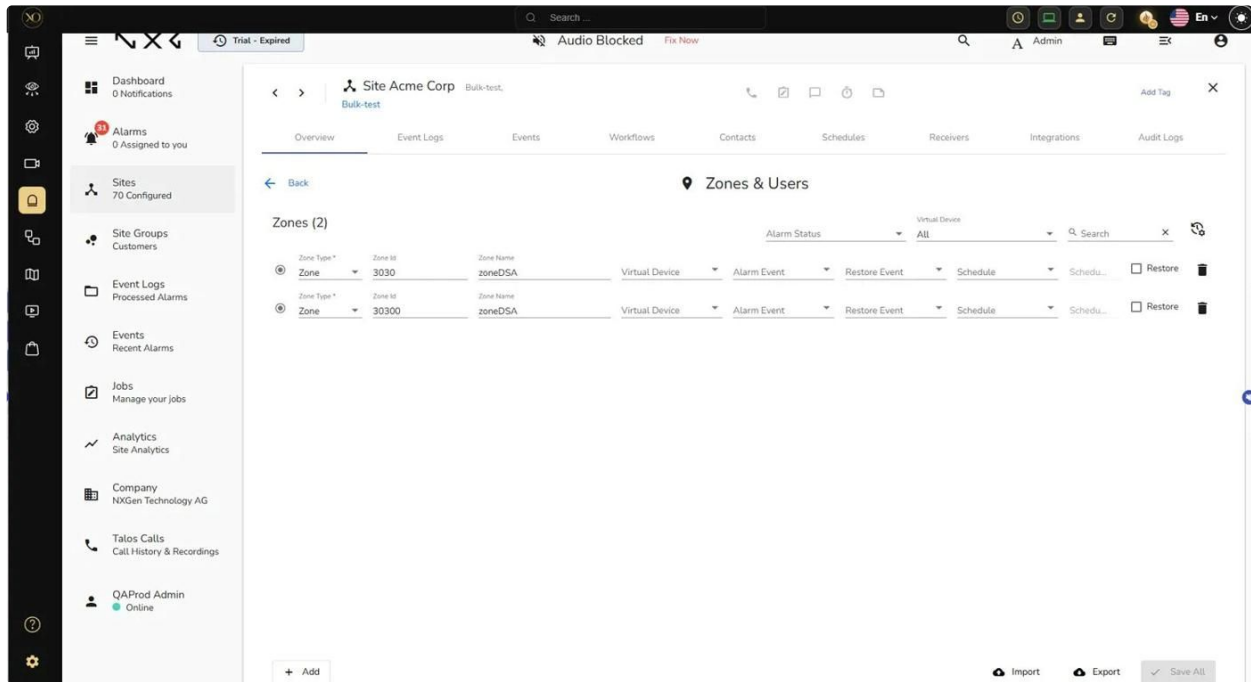


Figure 4: Add a new zone in the Zones and Users tab.



Zones and Users configuration table in Talos showing Zone Type, Zone ID, and Zone Name columns

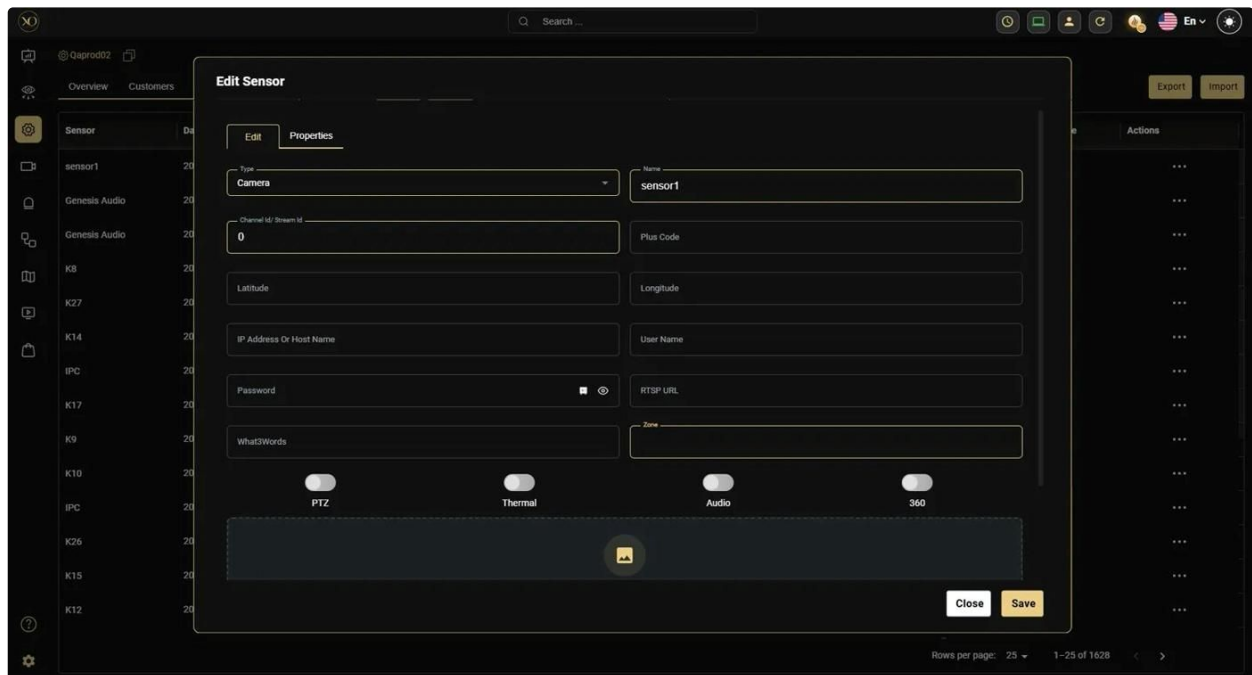
Figure 5: Zones and Users Configuration - Zone IDs must be created here before assigning sensors in GCXONE.

Step 4 — Assign Zones to Cameras in GCXONE

In GCXONE:

- Open the Edit Sensor dialog for each camera
- Go to the Properties tab
- Enter the corresponding Zone ID in the Zone field

Multiple cameras can share the same Zone ID if they cover the same area.



Edit Sensor dialog in GCXONE showing the Properties tab with the Zone field

Figure 6: Edit Sensor Dialog - Enter the Zone ID in the Properties tab to link the camera to a Talos zone.

Cameras on different devices within the same site can share the same zone ID. All matching cameras stream together when the alarm arrives.

Key Capabilities

- Automatically starts camera streams when alarms are triggered
- Uses zone mapping to show only relevant cameras
- Combines multiple alarm zones into a single stream
- Handles motion alarm priority intelligently
- Updates streams dynamically as new alarms arrive

Real-World Use Cases

- A burglary alarm triggers at Zone 3 of a warehouse. Auto Stream opens only the cameras in that zone for an immediate view.

- An alarm arrives with no zone data. Auto Stream streams all cameras at the site so no area goes unchecked.
- Two alarms trigger at different zones. Auto Stream combines both zone camera lists with no duplicates.
- A motion alarm and a burglary alarm arrive together. Quad view takes priority; Auto Stream continues on a secondary screen.

Best Practices

- Always create zones in Talos before configuring them in GXONE
- Make sure all cameras are correctly mapped to their respective zones
- Confirm that the correct alarm codes are configured to trigger Auto Stream
- Periodically review zone mappings to avoid outdated or incorrect setups

Additional Details

Streaming Behavior:

The table below shows how Auto Stream responds to each alarm scenario:

SCENARIO	ZONE IN ALARM?	RESULT
Zone configured; alarm matches zone	Yes	Stream cameras mapped to that zone only
Zone configured; alarm zone does not match	Yes	Stream entire site
No zone configured for any camera	Yes or No	Stream entire site
No zone in alarm message	No	Stream entire site
Multiple alarms	multiple zones	Yes
Motion alarm and burglary alarm together	Yes or No	Motion alarm takes priority; quad view shown; Auto Stream on secondary screen if available

Troubleshooting:

- Entire site streams even though zones are configured : This usually means the zone configuration

is not properly synced between Talos and GXONE. Make sure zones were created in Talos before
<https://docs.nxgen.cloud/gcxone/features/auto-stream-new>
 assigning them in GXONE.

- More cameras stream than expected : Check for outdated or leftover zone mappings in Talos that may still be linked to removed cameras.
- Auto Stream does not trigger : Ensure the Genesis–Talos Bridge is installed and running, and that the NXGEN Genesis integration is enabled with the correct alarm codes.
- Stream shows only site name (no cameras) : This indicates that no cameras are correctly mapped to the zone. Verify zone assignments and confirm synchronization completed successfully.

For technical support, contact NXGEN Technology AG through the GCXONE support portal.