

## UniCloud 2.9.7 – Release Notes

The sections below describe each feature, what was added or improved, and why it matters in day-to-day use.

### 1. Machine-to-Machine

**New Feature:** Centralized, event-based updates of PLC values across multiple assets.

Coordinating triggers by scenarios between PLCs Machin to Machin now can talk to each other With UniCloud latest release [1.2006], UniCloud fleet ecosystem enables dynamic response.

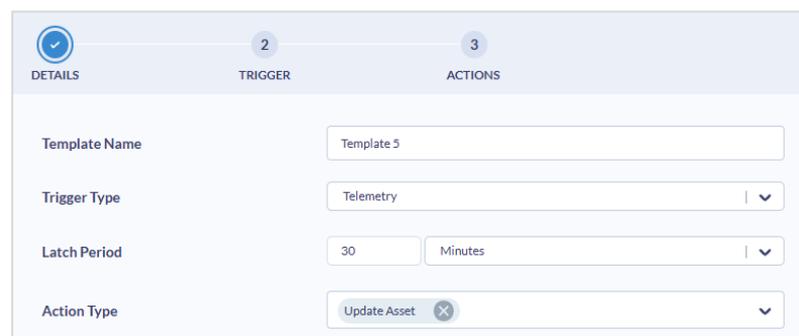
Using the existing Event Template framework, users can configure conditional updates to PLC tags across one or more assets. Based on telemetry values, alarms, or schedules triggers machine to machine communication.

#### Why it matters:

- Smarter Machines no can coordinate logic behavior across fleet of machines without redeploying PLC code, fully automated.
- Reduce costs by eliminating hardware required for Machine-to-Machine connectivity.
- The UniCloud Asset-to-Asset feature adds up to the overall UniCloud’s certified cyber-secure layers.

#### How It Works

- A new **Update Asset** action is available on Event Template wizard.
- Users define source conditions and target assets, tags, and values.
- When the event is triggered, UniCloud executes the defined updates.
- Each execution is logged and visible in the Notification Center and System Logs.



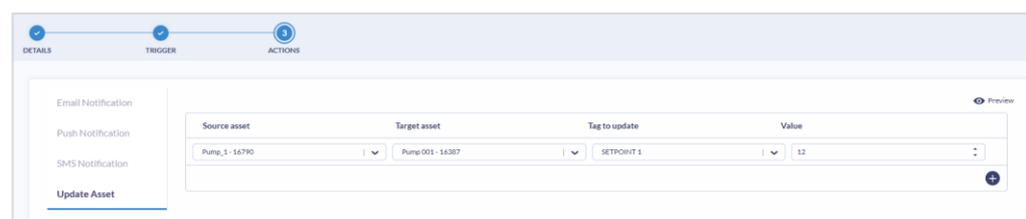
2 TRIGGER

Template Name: Template 5

Trigger Type: Telemetry

Latch Period: 30 Minutes

Action Type: Update Asset



3 ACTIONS

Source asset: Pump\_1-16790

Target asset: Pump001-16387

Tag to update: SETPOINT 1

Value: 12

Update Asset

## 2. Dashboard Templates

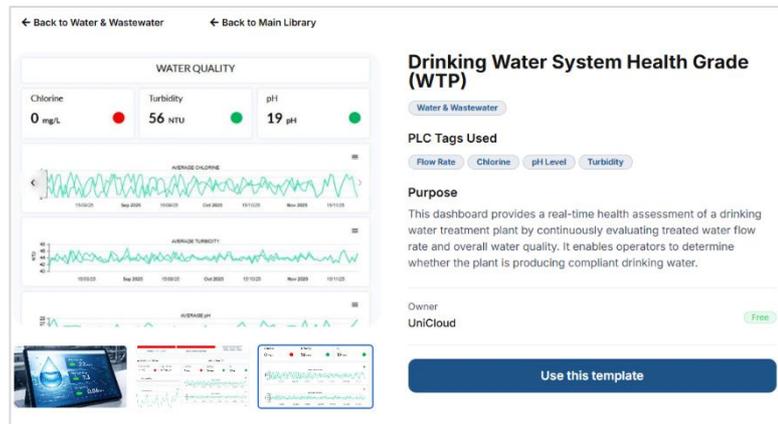
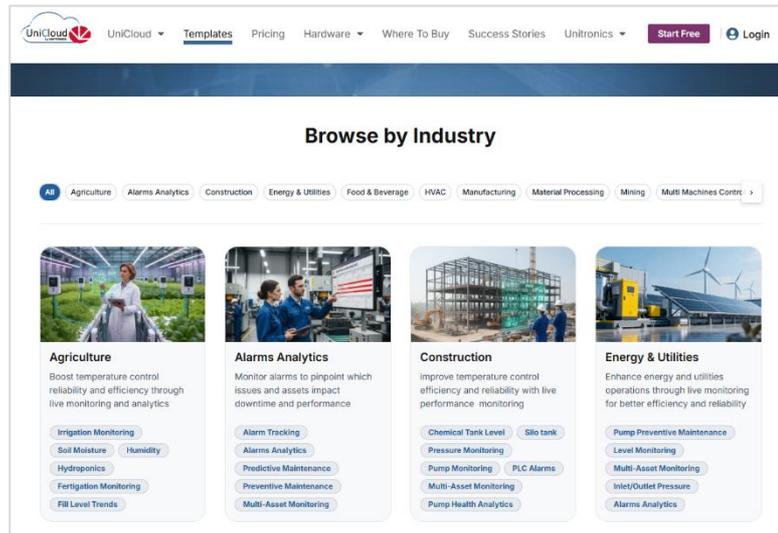
**New capability:** Ready-to-use dashboard templates available directly in UniCloud.

Users can now start dashboards from predefined templates instead of building from scratch.

Templates are available via UniCloud Dashboard Gallery and are designed around common industrial use cases.

### Why it matters:

- Beat your competition with a shorter Time To Market (TTM)
- Reduce hidden costs by eliminating dashboard-building “dead time”
- simplify onboarding for new users and projects
- Easier onboarding for new users



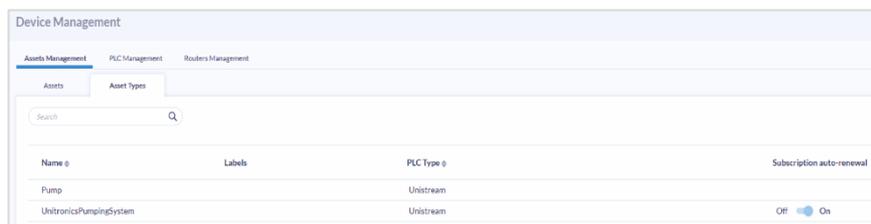
## 3. Subscription Auto-Renewal at Asset Type Level

**New Feature:** Manage subscription auto-renewal at the asset-type level.

Administrators can now enable or disable subscriptions auto-renewal once per asset type saving time configuring each asset.

This enhancement supports scalable fleet management in industrial environments, leveraging seamless operation over time.

### Why it matters:



- Automate license management at scale.
- Ensures data flow consistency.
- Reduces administrative overheads expenses.

**Key points:**

- Centralized control per asset type
- Confirmation flow to prevent accidental changes.
- Applies to all assets of the selected type.

**4. System Logs**

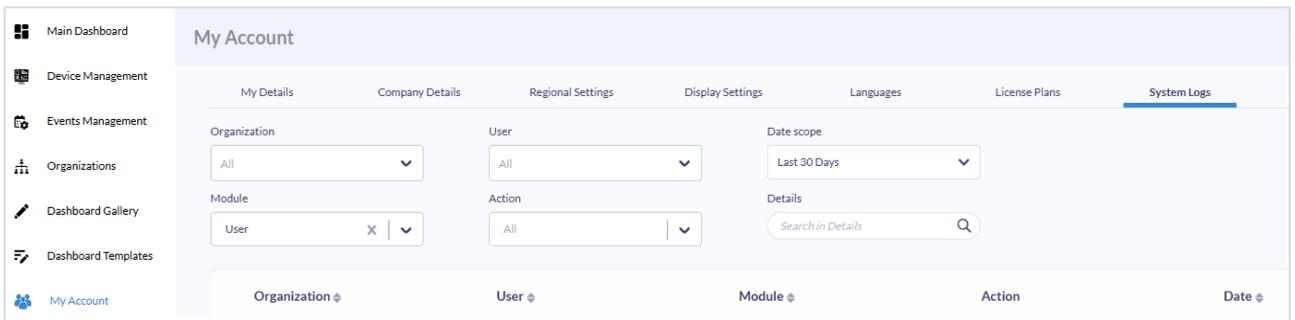
**New capability:** Centralized visibility both operational and administrative activity, which is a crucial block in regulations such as CGMP, GMP & FDA

**Security breaches risks:**

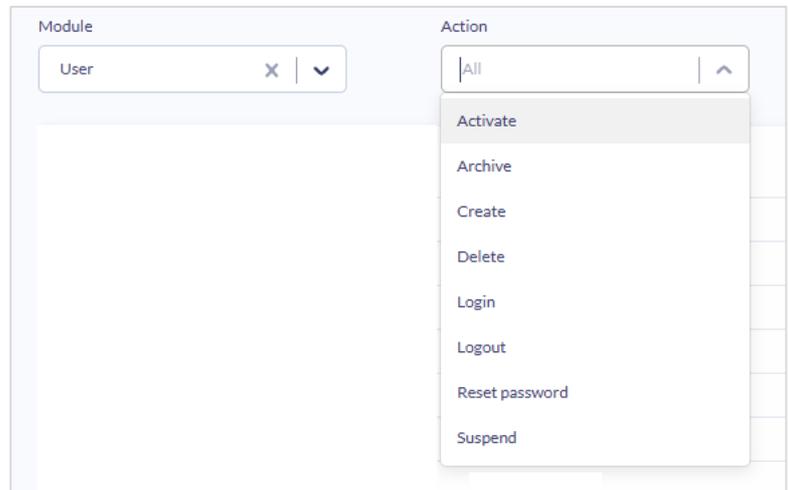
System Logs provide a structured view of key actions performed across organizations and sub-organizations, including user actions, asset updates, dashboard changes, and remote access events.

**Why it matters:**

- Avoid manual investigating system events caused by users.
- Improves transparency, traceability and accountability.
- Compatible with regulation audit requirements
- Supports troubleshooting
- Essential monitoring security events



Sample of logged activity available for **User** module



## 5. Conditional Formatting for Table Widget

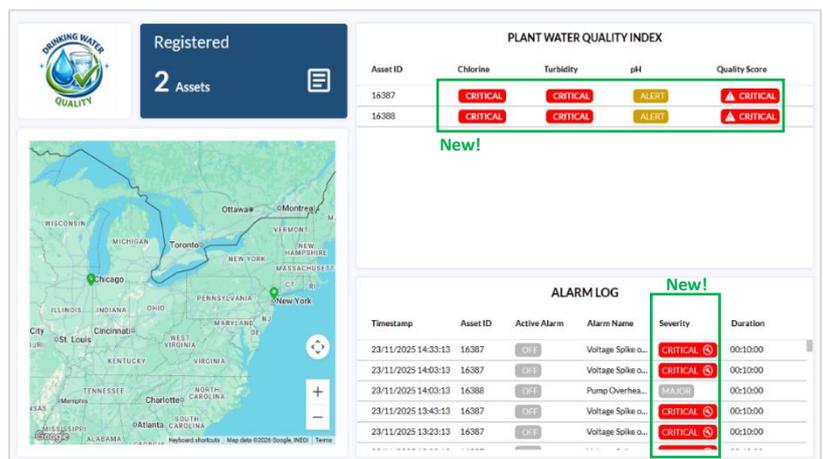
6.

**New capability:** Visual indicators in Tags and Alarms tables.

Apply conditional formatting to table columns using colors, icons, and text styles. Values and status stand out immediately.

**Why it matters:**

- Recognize abnormal or critical values.
  - Howk vision large data tables
- Intuitive logic dismissing script needs.



## 7. User Notifications

**New Feature:** Role-based email notifications from Machine Builder admins.

Admins empowerment to send targeted email notifications to their users based on organization scope targeting specific user's roles.

**Why it matters:**

- Controlled communication, users' retention.
- Ensures seamless operation across the users within the fleet.

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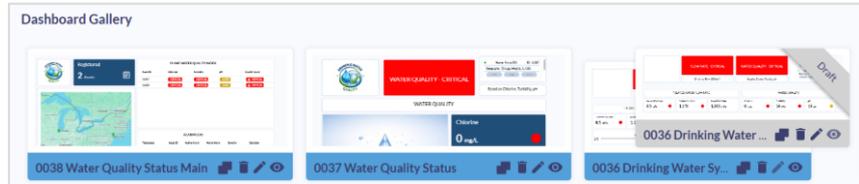
## 8. Dashboard Thumbnails

**New Feature:** Automatic visual previews for published dashboards.

Dashboards thumbnails gallery enabling easier navigation between multiple dashboards.

**Why it matters:**

- Visualization
- Enhanced deployment usability.



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## 9. Organization Tree Search

**New Feature:** Search organizations by name or ID.

Machine Builders managing large fleets hierarchies are now capable to access specific organization with faster response once an issue needs to be resolved.

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## 10. Widget Header Customization

**New Feature:** Styling control for widget headers.

Customize header text size, colors, background, borders, and alignment directly in the widget settings.

**Why it matters:**

- Improved readability
- Enhanced visual consistency.
- Flexible alignment, branding and layout requirements