

UBIQUITY 14.3 RELEASE

THE REMOTE ACCESS: SAFE, INTUITIVE, FLEXIBLE



æASEM

A ROCKWELL AUTOMATION COMPANY



VNC SUPPORT FOR SUB-DEVICES

UBIQUITY 14.3

Feature

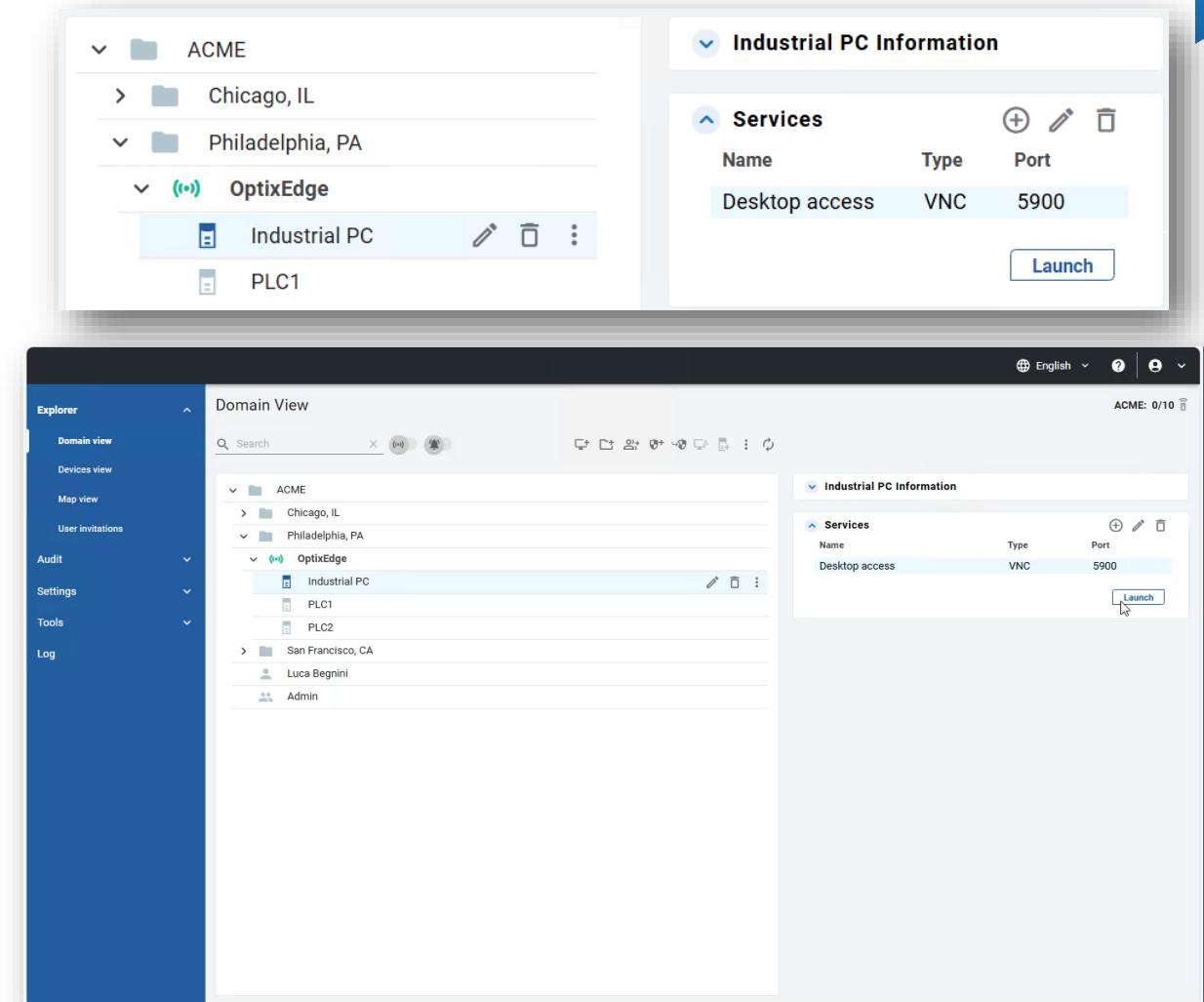
The VNC protocol allows direct access to sub-devices with VNC servers via UBIQUITY Manager.

Access is provided through the integrated VNC client in the Manager Tools.

Benefits

Seamless integration with sub-devices removes the need for external tools or manual configuration, saving time and reducing complexity.

Use the built in VNC client with any device with an enabled VNC server.





INVITE USER TO DEVICE - ENHANCEMENT

UBIQUITY 14.3

Feature

The invitation to device can be extended for users without a UBIQUITY account and not belonging to the domain.

A *User Invitations* page was also added for user invite management.

Benefits

Fewer steps to invite users to devices means faster setup and reduced administrative effort.

Improved visibility and control over user invitations simplifies tracking, auditing, and overall user administration.

The screenshot shows the 'User Invitations to Device' page with three main sections: 'Pending invitations', 'Active invitations', and 'Inactive invitations'. Each section has a table with columns: Inviting User, Invited User, Device, Invitation time, Invitation acceptance time, Permission expiration time, and Invitation status. The 'Pending invitations' section displays a message: 'No User invitation to device found'. The 'Active invitations' section shows one entry: 6/20/2024 9:30 AM -05:00, 6/20/2024 9:30 AM -05:00, 7/26/2026 8:11 PM -05:00, Active. The 'Inactive invitations' section shows two entries: 9/24/2025 5:38 AM -05:00, 9/24/2025 5:39 AM -05:00, 9/24/2025 5:00 PM -05:00, Permission expired; and 9/24/2025 8:53 AM -05:00, 9/24/2025 8:53 AM -05:00, 10/9/2025 5:00 PM -05:00, Permission expired.

Inviting User	Invited User	Device	Invitation time	Invitation acceptance time	Permission expiration time	Invitation status
No User invitation to device found						
			6/20/2024 9:30 AM -05:00	6/20/2024 9:30 AM -05:00	7/26/2026 8:11 PM -05:00	Active
Rows per page: 10 ▾ 0-0 of 0 < > >>						
Inviting User	Invited User	Device	Invitation time	Invitation acceptance time	Permission expiration time	Invitation status
9/24/2025 5:38 AM -05:00	9/24/2025 5:39 AM -05:00	9/24/2025 5:00 PM -05:00	9/24/2025 5:38 AM -05:00	9/24/2025 5:39 AM -05:00	9/24/2025 5:00 PM -05:00	Permission expired
9/24/2025 8:53 AM -05:00	9/24/2025 8:53 AM -05:00	10/9/2025 5:00 PM -05:00	9/24/2025 8:53 AM -05:00	9/24/2025 8:53 AM -05:00	10/9/2025 5:00 PM -05:00	Permission expired
Rows per page: 10 ▾ 1-1 of 1 < > >>						



LEAST PRIVILEGE FOR WINDOWS RUNTIME

UBIQUITY 14.3

Feature

Runtime on Windows now works with least privileges and can be set during setup or later from Runtime Web UI.

Restrictions are related to:

- Processes
- File transfers

Benefits

The system now strictly adheres to administrator-defined access privileges. This minimizes the risk of privilege escalation, strengthens protection around file transfers and process termination, and ensures Runtime operations stay within secure boundaries.

The screenshot shows two main windows of the Runtime Web UI. The top window is titled 'Settings' and includes tabs for Home, Settings, VPN, Local Connection, Internet Sharing, Logs, and Help. The 'Security' tab is selected, containing a note about restarting after edits and two checkboxes for 'File transfers security restriction' and 'Processes security restriction'. The bottom window is titled 'Processes' and shows a table of running processes for 'ASEM 6300P'. The table has columns for Process Name, Process ID, CPU Usage (%), and Memory Usage. The listed processes are [System Process], ApplicationFrameHost.exe, csrss.exe, and another csrss.exe entry. The bottom window also has tabs for Remote Desktop, Processes, Explorer, Connection, and Information, with 'Explorer' being the active tab. It displays a 'Local File System' section with file transfer icons for Send, Receive, and Copy.

Process Name	Process ID	CPU Usage (%)	Memory Usage
[System Process]	0	1	8 KB
ApplicationFrameHost.exe	3976	0	32,680 KB
csrss.exe	4376	0	4,032 KB
csrss.exe	520	0	2,724 KB



UI IMPROVEMENTS: SUB-DEVICE COPY/PASTE

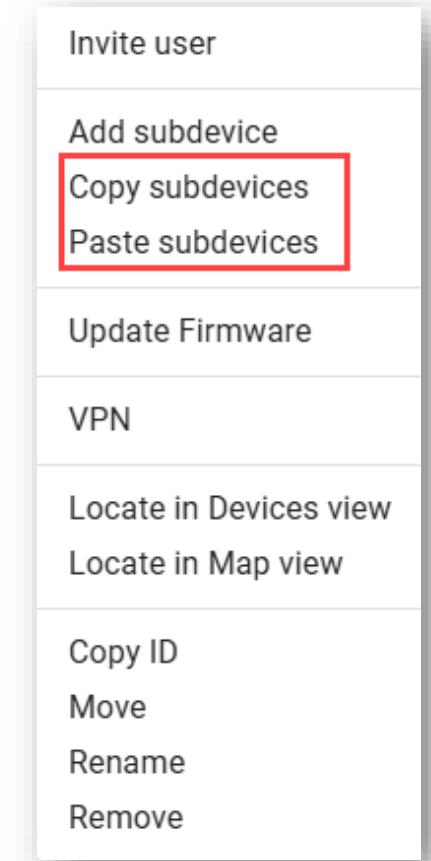
UBIQUITY 14.3

Enhancement

Sub-device copy/paste functionality has been added, allowing users to duplicate sub-devices between runtime devices while preserving configuration

Benefits

This feature allows quick and consistent sub-device configuration across multiple devices or installations





UI IMPROVEMENTS: ETHERNET INTERFACE LABELS

UBIQUITY 14.3

Enhancement

Ethernet interfaces now are mentioned under Device IP addresses, in the device information pane.

Benefits

Simplified troubleshooting: easier to identify IP assignments and network configuration issues.

Device IP Addresses

LAN (Eth1)

Virtual Ethernet Adapter

WAN (Eth2)



UI IMPROVEMENTS: QUICK ACTION TOOLBAR

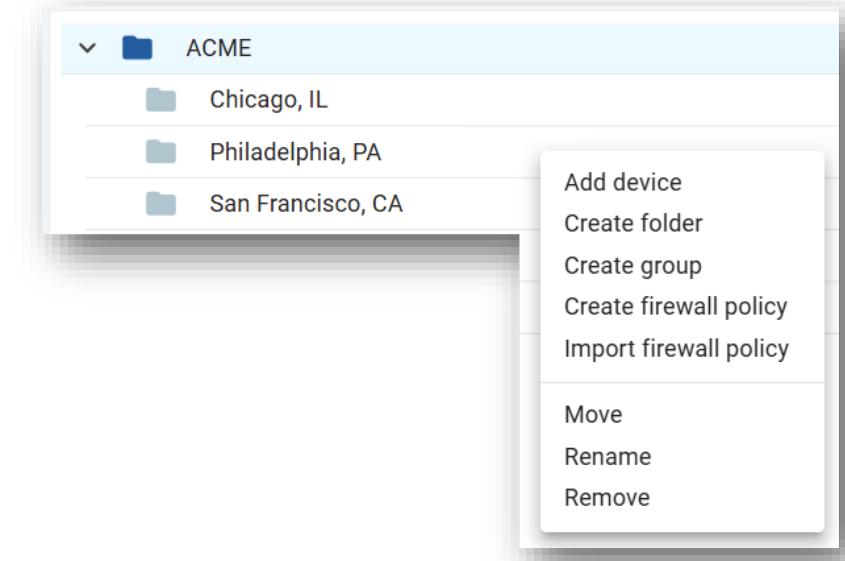
UBIQUITY 14.3

Enhancement

Added a Quick-Action Toolbar at the top of the interface for faster access to key functions.

Reviewed and improved:

- Hover buttons that appear when you move the mouse over a device or folder.
- Context menus that show up when you right-click on folders.



Benefits

Faster navigation with quick access to common actions.

Improved usability with more intuitive interaction with devices and folders.

Streamlined workflow reducing clicks and time to perform tasks.



UI IMPROVEMENTS: MEMBER OF & SHOW PERMISSIONS

UBIQUITY 14.3

Enhancement

The "Member of" and "Show Permissions" sections have been implemented

Benefits

This enhancement improves visibility especially into external authentication setups

The screenshot shows a user account configuration page with the following fields:

- User Account Information section:
 - Username
 - E-mail
 - First name
 - Last name
 - Phone
 - Expiration Date
- A checkbox labeled "User can receive assistance requests".
- A "Member of" section containing the value "Admin".
- A "Show Permissions" button, which is highlighted with a red border.



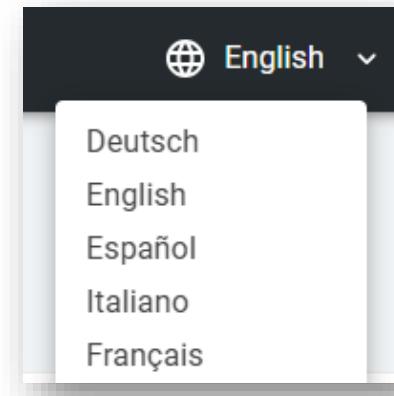
UI IMPROVEMENTS: FRENCH LANGUAGE AND NEWS

UBIQUITY 14.3

Enhancement

French, is now available in the UBIQUITY Manager, UBIQUITY Runtime and UBIQUITY Tools.

News that are available in ubiquity.asem.it now are available also withing the UBIQUITY Manager



Hotfix 14.2 for UBIQUITY Manager

Luca Begnini | September 10, 2025

A hotfix has been released for UBIQUITY Manager, the web frontend of the UBIQUITY platform, introducing key optimizations to improve interface speed and responsive...

Discontinuation of Control Center Desktop

Luca Begnini | June 23, 2025

The desktop application UBIQUITY Control Center along with its SDK, will be officially discontinued starting Monday, July 7, 2025. As previously communicated, this...

All News

French-speaking teams can work more comfortably and confidently.

Users stay informed effortlessly with in-app news, getting the latest updates, releases, and fixes without leaving UBIQUITY Manager.

ACCESS TO SD AND USB FOR FILE TRANSFER ON EMBEDDED DEVICES

UBIQUITY 14.3

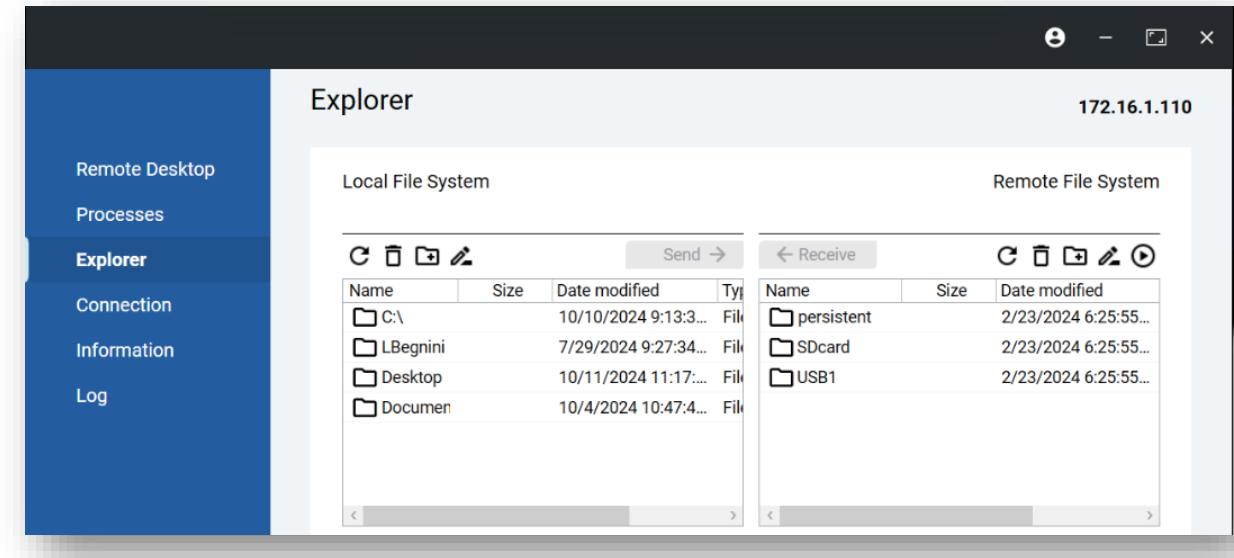


Feature

The Explorer tab* of UBIQUITY Tools, allows to manage files uploaded via an SD card or an USB memory stick connected to a device.

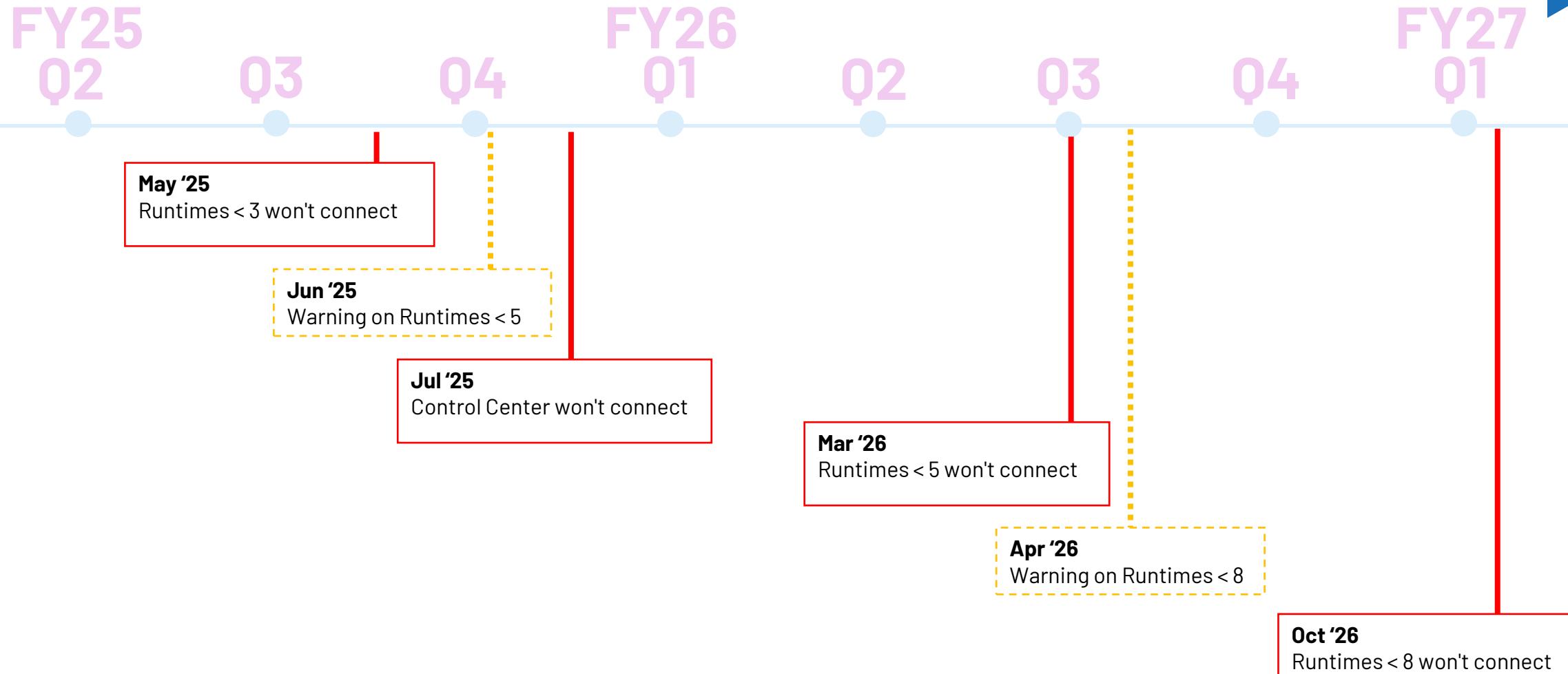
Benefits

Easily manage data from SD cards or USB memory sticks plugged into a device.



* Available for OptixEdge, OptixPanel and RK2x Rotuers starting from the fw 7.0 that includes the UBIQUITY 14.3 runtime or higher, releasing in the first half of CY2026.

RUNTIME DISCONTINUATION SCHEDULE





THANK YOU

