

UBIQUITY 13.6 RELEASE

THE REMOTE ACCESS: SAFE, INTUITIVE, FLEXIBLE



22/03/2024

UI IMPROVEMENTS: DOMAIN VIEW

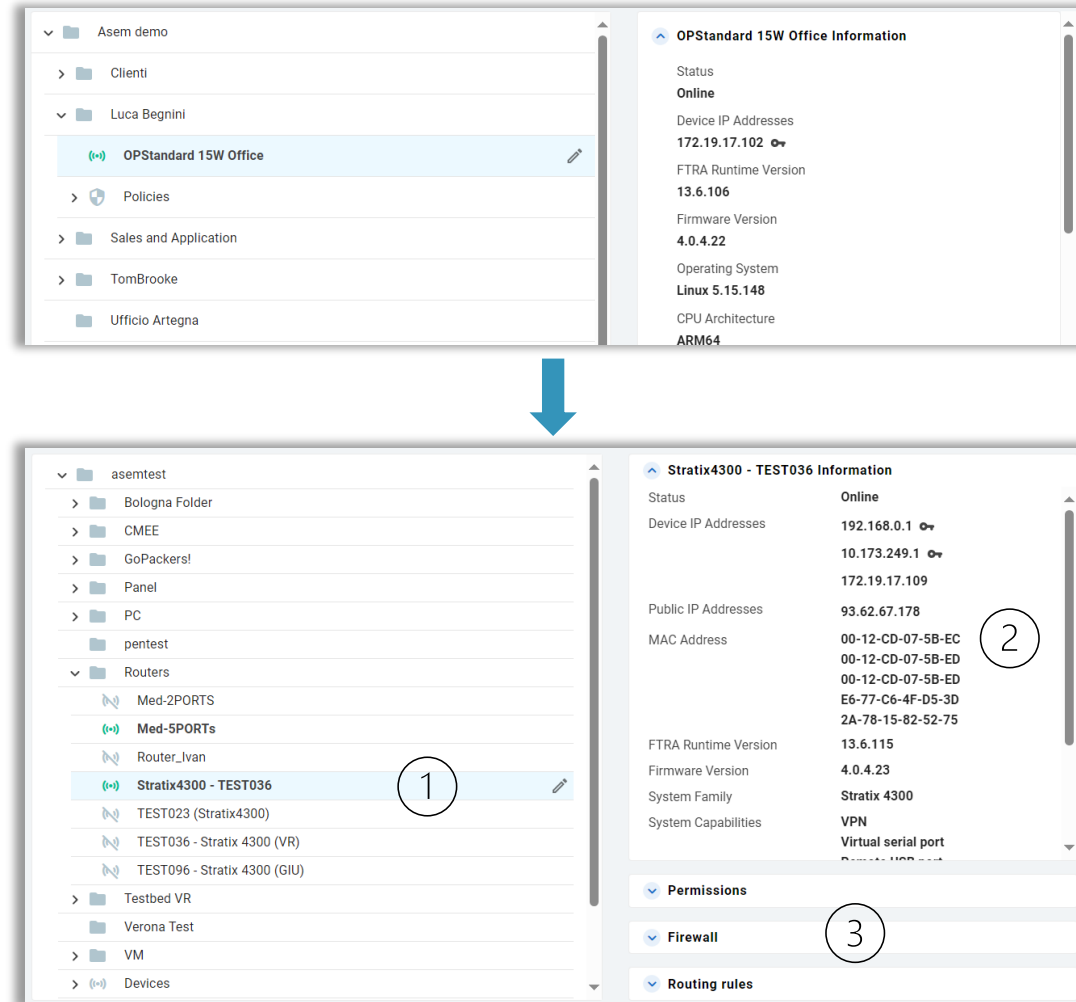
UBIQUITY v13.6

Enhancement

1. **Reduced padding** throughout the web client.
2. **Device Information** pane shows data in **two columns**.
3. The **right-side menu** has been improved so when one pane is opened, the others become collapsed but remain visible.

Benefits

- More condensed view enhances the user experience by presenting information more efficiently, minimizing unnecessary whitespace
- The right-side menu facilitate easier navigation through the dropdowns.



UI IMPROVEMENTS: DOMAIN VIEW

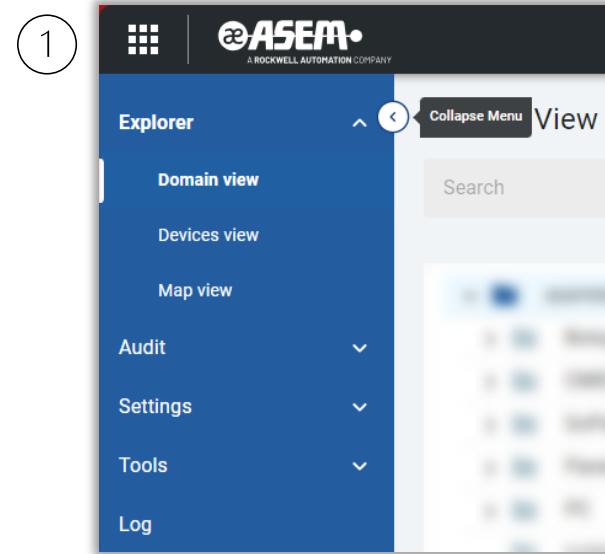
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Enhancement

1. The **left navigation menu** can now be **collapsed**.
2. The Device Information pane allows **for easy copying of the reachable IP address**.
3. **Double-click functionality** was added to start Interactive Access on any device and to start the VPN connection on UBIQUITY Routers.

Benefits

- Enhancements to improve user experience and ease of use with in the UBIQUITY Manager software.



UI IMPROVEMENTS: INTERACTIVE ACCESS TOOLS

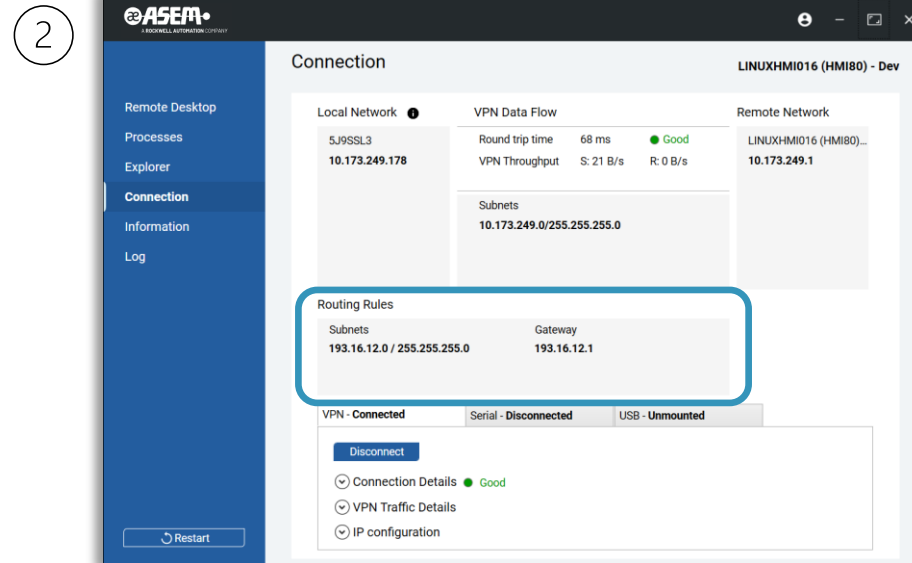
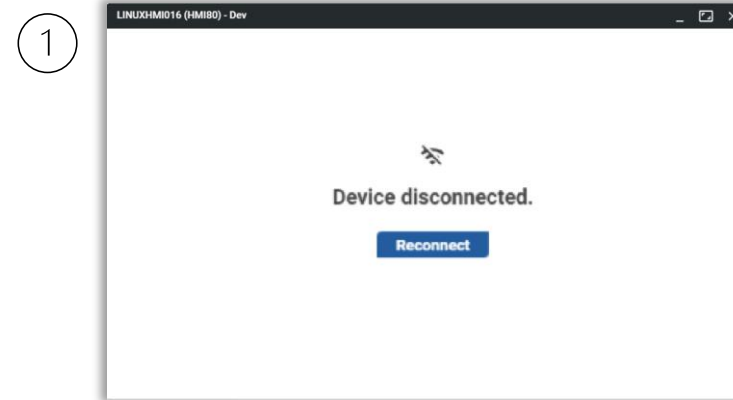
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Enhancement

1. "Reconnect" button added for use when a device is disconnected. Valid for Interactive Access (web-only) and also, for the Local Connection.
2. Routing Rules section added in connection page in the interactive access tools

Benefits

- Enhancements to improve user experience and ease of use when connected to a device using the interactive access tools



DEVICE DISCOVERY TOOL

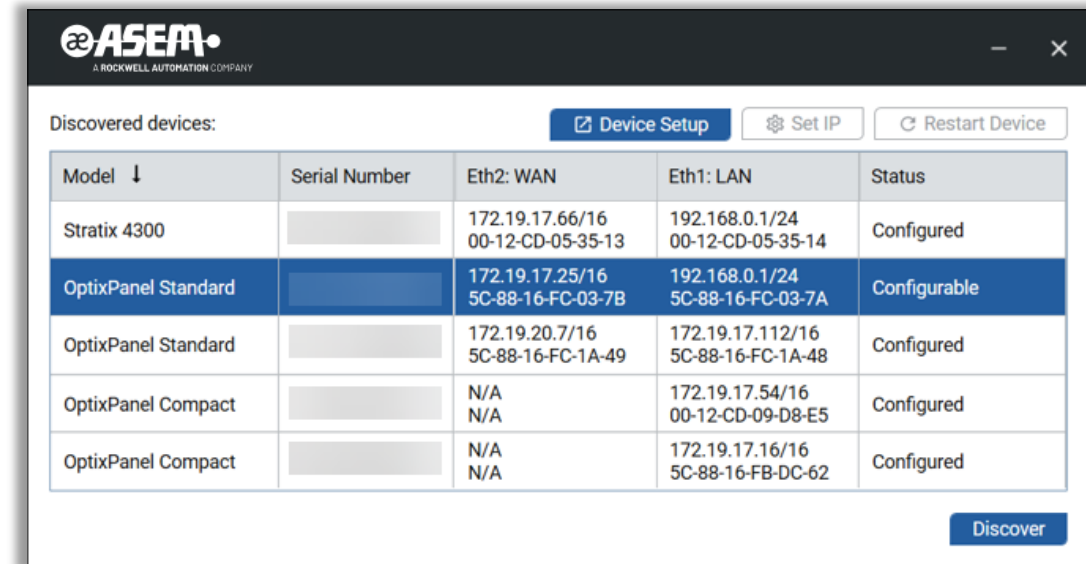
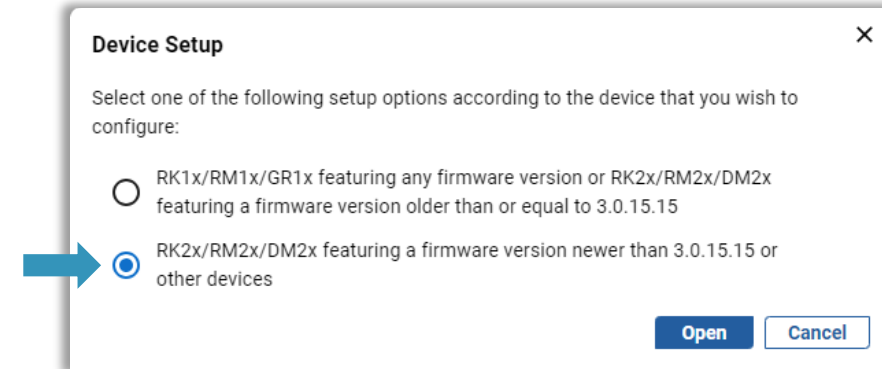
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Feature

- The new Device Discovery tool provides an **enhanced way to discover and setup devices** that integrates UBIQUITY: not only UBIQUITY RK2x Routers but also OptixPanels.
- Note: **available** for RK2x and OptixPanel from the next firmware release.

Benefits

- Simplified and consistent initial device set up for the RK2x Routers and OptixPanels
- Ability to access the Device Discovery tool applet for initial device set up without logging into the UBIQUITY Manager.



IMPROVED VPN THROUGHPUT

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Enhancement

- The VPN throughput have been improved on embedded devices with Linux OS.
 - UBIQUITY Router RK2x/RM2x → Throughput doubled
 - OptixPanel
- **Note:** Available in next firmware release for each device.

Benefits

- Increased download and upload speeds when deploying an Optix application, a PLC project...



NOTIFICATION OF RUNTIMES OLDER THAN 3.0

Enhancement

- Admin users are notified when accessing a domain if their domain contains runtimes older than 3.0
- From the Device View, it's possible to identify which devices need to be upgraded.

Benefits

- This helps to ensure that outdated runtimes, which may have security vulnerabilities, are identified promptly. This allows administrators to take action to update these runtimes, thus reducing the risk of security breaches or attacks.

Warning

This domain includes 2 devices whose Runtime version is older than 3.0.0.
To view them, select the Devices tab and sort by UBIQUITY Runtime Version.

Make sure that all the devices are updated to benefit from the latest features and security upgrades.

Ok

Devices View

Search

Name	Status	UBIQUITY Runt... ↓	VPN reachable IP a...	Path
TEST005 (RK11)	Offline	7.9.7	10.173.249.1	ASEM Software Testin...
TEST005 (RK11)	Online	7.9.7	10.173.249.1	ASEM Software Testin...
AriDal - RT v.2.1.20	Offline	2.1.20		VM/AriDal/Temp
AriDal - RT v.2.1.20 _2	Offline	2.1.20		VM/AriDal/Temp
ProvaUSB	Offline	14.0.0	169.254.17.144 - 169...	Bologna/PaoVer
PaoloPCWin11	Offline	14.0.0		Bologna/PaoVer
TEST009 (HT3000)	Offline	13.6.99	10.8.0.1	ASEM Software Testin...
OptixPanel_std_Bolog...	Offline	13.6.99	10.68.4.192	Bologna
Panel	Offline	13.6.99		Bologna
TEST016 - Win10 (HT...	Offline	13.6.98	172.19.17.138	ASEM Software Testin...

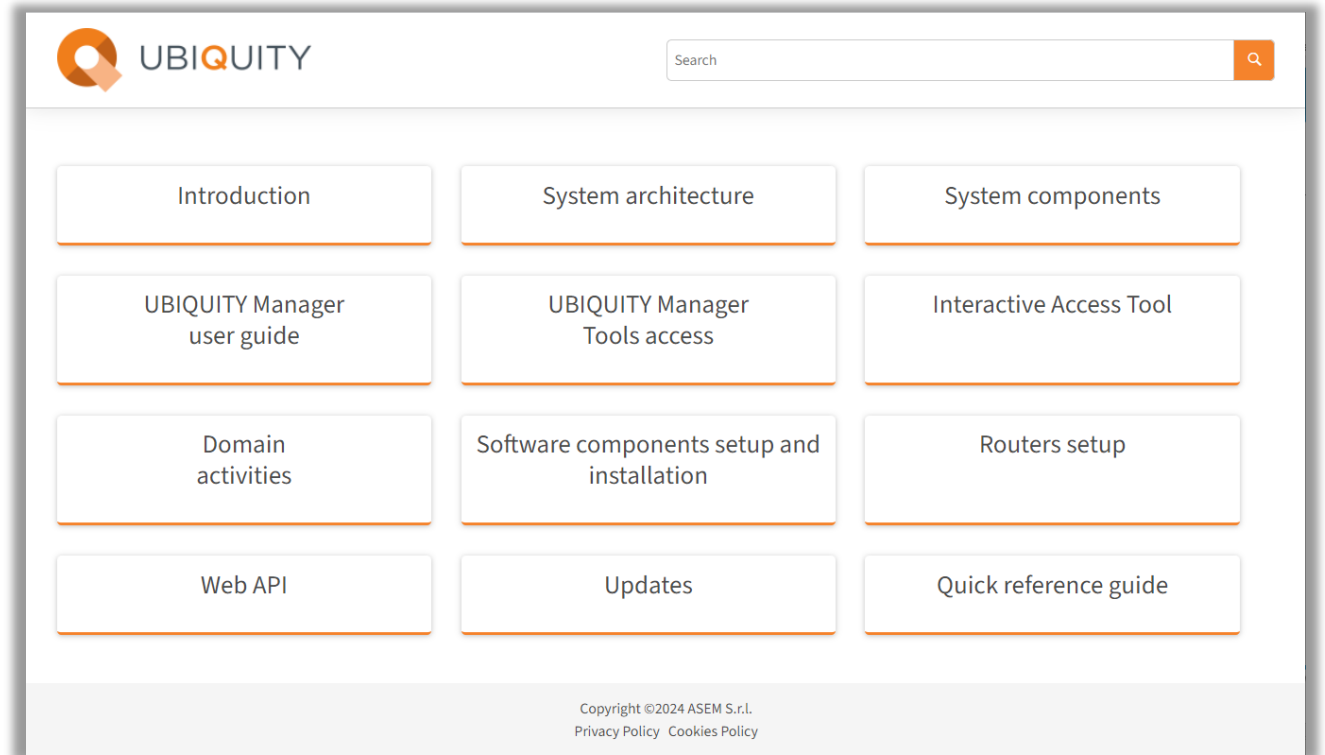
NEW ONLINE HELP

Enhancement

- The new online help is aligned with latest features and explain better the UBIQUITY Manager web interface

Benefits

- Enhanced Understanding and Reduced Learning Curve for new users



IEC 62443 CERTIFICATION RENEWAL

Enhancement

- UBIQUITY has successfully renewed its IEC 62443-3-3 and 62443-4-2 security certification.

Benefits

- The renewal of IEC 62443 certification highlights ASEM's ongoing commitment to providing a reliable product that conforms to the industry's highest security standards.

**Security Certificate**
Security Audit February 2024



Manufacturer:	ASEM S.r.l. con Socio Unico, Via Buia 4, 33011 Artegna (UD) Italia
Tested Products:	HMI40 (v. 13.4.013), RK2x and RM2x (v. 3.0.15.15), UBIQUITY Control Center Software (v. 13.5.174), UBIQUITY Control Center Web, UBIQUITY Router RK1x family (v. 13.4.013), UBIQUITY Runtime for Windows (v. 13.5.168). Note: this certificate extends to higher minor versions, as products are being updated, based on an ongoing security monitoring and maintenance agreement.
Audit Process:	Modified NIST SP800-115.
Concept Audit:	Generic Risk Analysis, BSI Grundschutz Compendium, IEC62443-3-3, IEC62443-4-2.
Component Audits:	Vulnerability assessment, exploitation with standard tools, fuzzing on Ethernet interface, firmware signature evaluation, analysis of communication principle.
System Audit:	Security assessment of end-to-end reference setup, threat assessment of 3rd party components based on CVEs, OWASP Top 10 threat assessment .
Test results:	Tests passed, some with recommendations. A detailed report has been issued.