☒USP

Seamless Integration

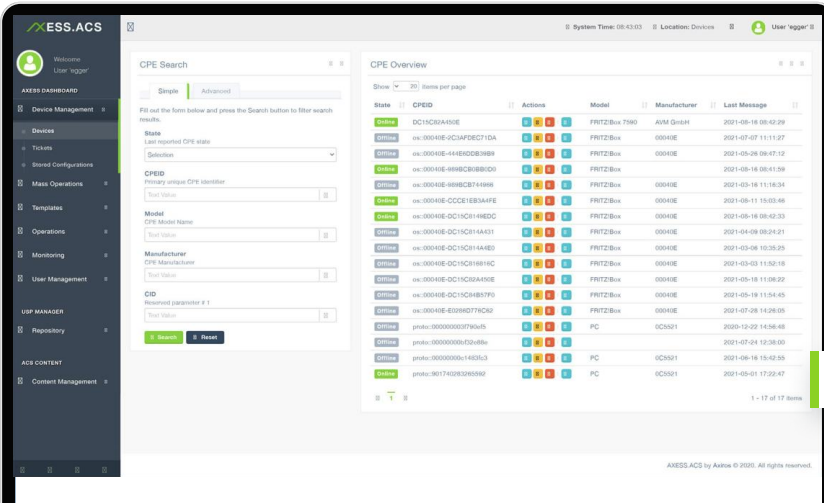# Universal
USP / TR-369
Controller

Axiros AX USP Controller supports millions of concurrent USP Agents connected via WebSocket and/or MQTT MTP, all within a single process in real-time. Developed from scratch in a memory-safe language, the Controller ensures both speed and security. It integrates seamlessly with current and future Axiros products, providing a smooth upgrade path for existing installations.

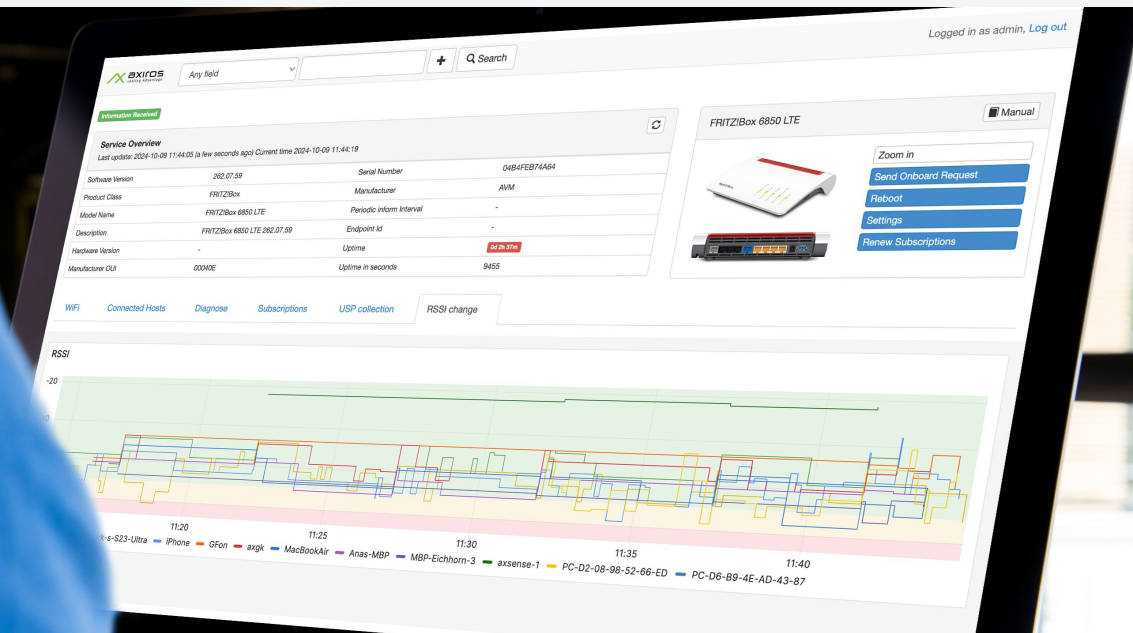**Standalone process to handle many concurrent USP sessions**

Provides continuity in current product deployments and the user interface

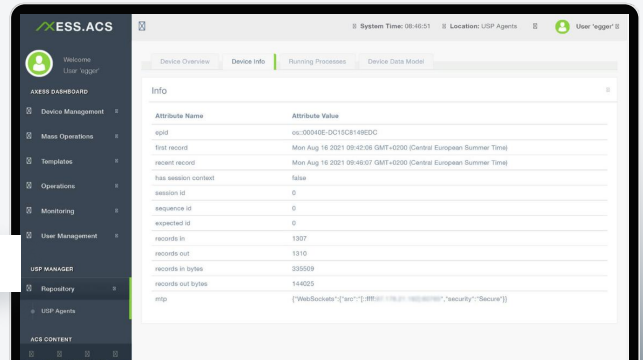**Offers state-of-the-art northbound interfaces for maximum flexibility**

Uses a stateless implementation for independence and container compatibility

Real-time Application

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Lasting Advantage

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AX USP

Centralized Solution for Managing and Provisioning USP-Enabled Devices via WebSocket and MQTT MTPs

Device Insights

Use Cases

- Real-time support with low latency communication
- Efficient data collection due to a low overhead
- Self-service app with omnidirectional communication
- Application scaling using multiple Controllers

- Direct alarming with more elaborate notifications
- User consent via built-in permissions
- Service delegation and Third party applications
- Audience measurement
- ...and many more!

AX USP Controller Scaling

Application

Notification Handler
Nodes Container/VM/BM

USP Controller Nodes
Container/VM/BM

L4 Loadbalancer
Software based + HA

Customer devices

— Part of the USP Controller Setup

····· Use case dependant, options/ suggestions

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