HUB-CX400

MANAGE. CONNECT. SCALE.



IOT WITHOUT A SERVER PROJECT.

ONE EXCHANGE. ONE DEVICE MANAGER. ONE SOURCE OF TRUTH.

You want...

- ? Management of multiple gateways/modules
- ? Control over updates, configurations, and device states
- ? Data consolidation in one place
- ? On-premises, with no cloud requirement
- ? Scalability without a server project

But you have...

- ! No capacity for a server project
- ! Too much work for IT and OT
- ! Too many devices, no central management
- ! Unclear responsibilities
- ! More devices make scaling harder

HUB-CX400 is the central layer in the in.hub topology. It sits above gateways and modules in the network and fulfills three roles:

1. Centralized device management

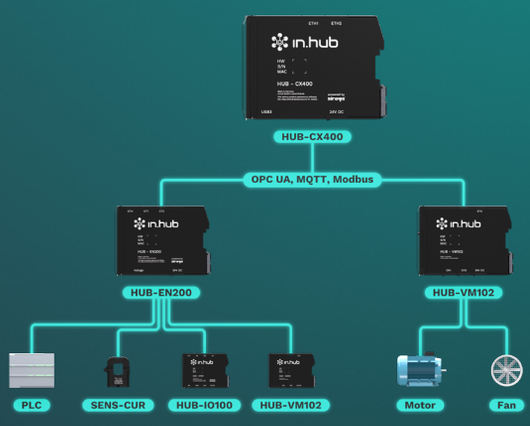
- ✔ Roll out updates from one place
- ✔ Control versions & configurations
- ✔ Online/offline status of all devices at a glance
- ✔ One device manages the rest, no cloud required

2. Single source of truth

- ✔ Avoid data silos: consolidate data in the CX400
- ✔ Store and serve structured data
- ✔ Consistent data across gateways & modules
- ✔ Optional transfer to IT systems, servers or the cloud

3. Platform for high-performance apps

- ✔ Central aggregation & cross-device logic
- ✔ SQL connections and IT interfaces in one place
- ✔ Consolidated compute-intensive analytics
- ✔ Optional AI workloads that scale with your infrastructure



HUB-CX400: CENTRALIZE IOT MANAGEMENT AND SCALING

The HUB-CX400 is neither a gateway nor a sensor hub. It does not acquire signals directly from machines or sensors; it operates one level above them. As the central network and management layer, it connects gateways and modules, manages devices and consolidates data. Individual edge components become a clear, scalable system, running on-premises with no cloud requirement.

When do you need the HUB-CX400?

A central layer becomes essential when an initial pilot expands to multiple devices, lines or sites. The HUB-CX400 removes the need to manage devices individually, search for data across separate systems or run applications in isolation. The result: a clear structure, less manual work, and an IoT infrastructure that scales with your needs.

Typical use cases

- Manage multiple gateways or modules
- Expand pilot projects into full rollouts
- Bring devices, data, and applications together in one place
- Provide a clear handover point between IT and OT
- Scale on-premises without a dedicated server project

HOW THE HUB-CX400 SUPPORTS YOUR OPERATIONS:

GREATER VISIBILITY

- Monitor devices centrally
- Control device states, updates, and configurations
- Reduce effort as installations grow

FEWER DATA SILOS

- Consolidate data from multiple edge devices
- Create a consistent basis for apps and analytics
- Provide structured information

EASIER SCALING

- Grow from pilot project to rollout
- Operate on-premises without the cloud
- Create a clear structure for production, OT and IT

TECHNICAL OVERVIEW

- NXP i.MX 8X processor
- Quad-core Arm Cortex-A35
- 2 GB LPDDR4 RAM
- 8 GB eMMC flash
- siineos® system
- Centralized device management included
- 2 × Ethernet
- 2 × USB interfaces
- Compact design for control cabinets and distribution boards

GET TO KNOW HUB-CX400

Discover how HUB-CX400 helps you manage gateways, modules, and data, and scale your IoT infrastructure step by step.

Scan the QR CODE for more information ->

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