

Portals Server

Controls scanner portals using RFID, barcode readers and photoelectric sensors. Data is collected and validated before being sent to host systems for subsequent business logic.

Key functionality

01. COORDINATED SCANNING

Each portal consists of one or more scanners and a trigger. Readings from a portal are combined and presented as a single dataset.

02. FLEXIBLE INTEGRATION

Verified datasets are sent securely to one or more configured host systems. Interfaces include OPC, Exact Trace events, MSSQL, webhooks and REST API.

03. ONE OR MULTIPLE PORTALS

Portals Server handles multiple portals concurrently, each with one or more scanners. Portals can be monitored, started, stopped or paused individually.

What does Portals Server do?

A load carrier can pass through a portal and be scanned from multiple angles. Portals Server detects the start and end of each scan, combines and validates the readings, and sends only the requested data to the host system.

Exact WMS can then move the load carrier to a new storage location, or Label Print can produce the correct shipping label.

Availability

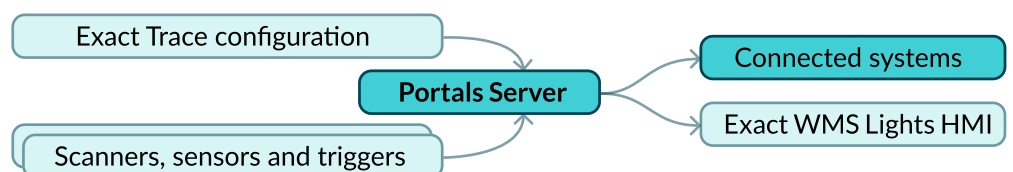
CONCURRENT ACTIVITY

Portals Server is licensed dynamically based on the number of concurrently active portals.

WITH YOUR SYSTEM

The solution works with the customer's existing systems as well as other Sone4 products.

Technical workflow



PLATFORM

Local Windows/Linux service

INTEGRATIONS

REST / webhooks
OPC / MSSQL / PET

SECURITY

IoT Hub / certificates /
Exact Trace

EXACT[®]
WAREHOUSE MANAGEMENT SYSTEM

Exact WMS is Sone4's modular warehouse management system:

- Steps
- Label Print
- Portals
- Lights HMI
- etc.

EXACT[®] TRACE[®]

These products are secured by Exact Trace and use capabilities such as hybrid blockchain and secure authentication.

SONE4

A Norwegian technology and consulting company behind Exact Trace and Exact WMS.

Contact us to learn more or request a product demo.

