

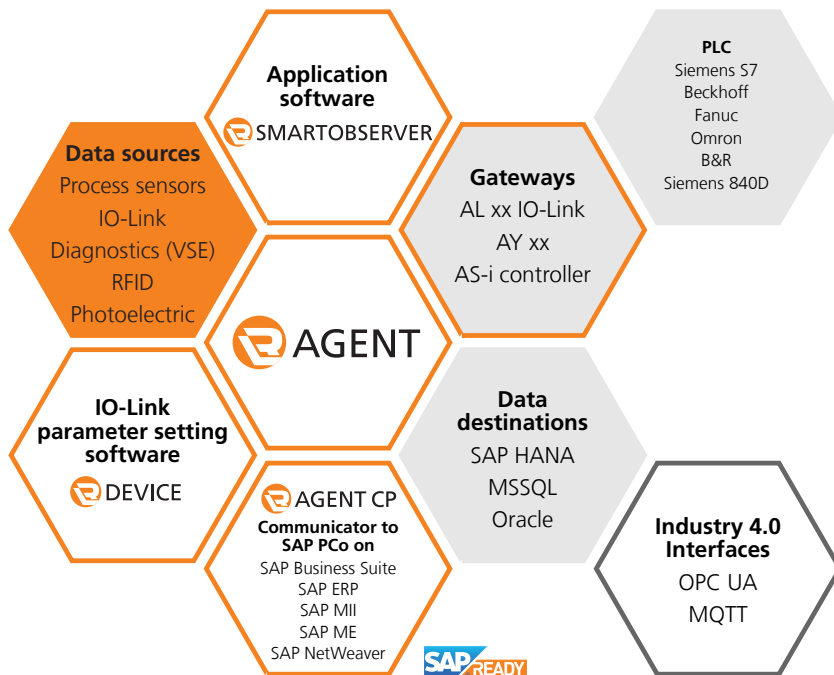


Software framework LINERECORDER

# LR AGENT CP Connectivity Port



Application software



**Intelligent, universal data interface for communication with SAP**

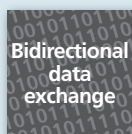
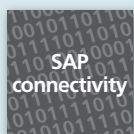
**Connectivity Port unites SAP PCo and LR AGENT**

**Bidirectional data exchange**

**Interface for machines, plant and systems**

**Flexible data transfer independent of the machine type and machine control**

**Communication interfaces and tasks can be configured by the user**



## Features

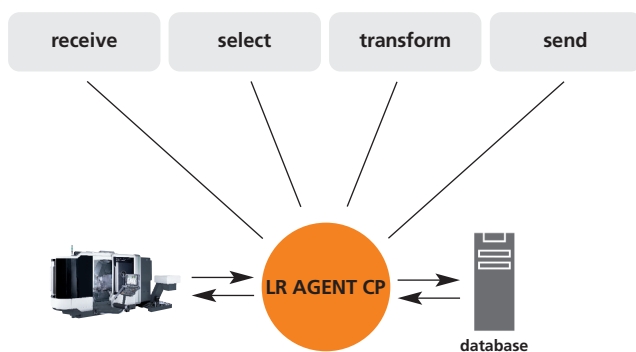
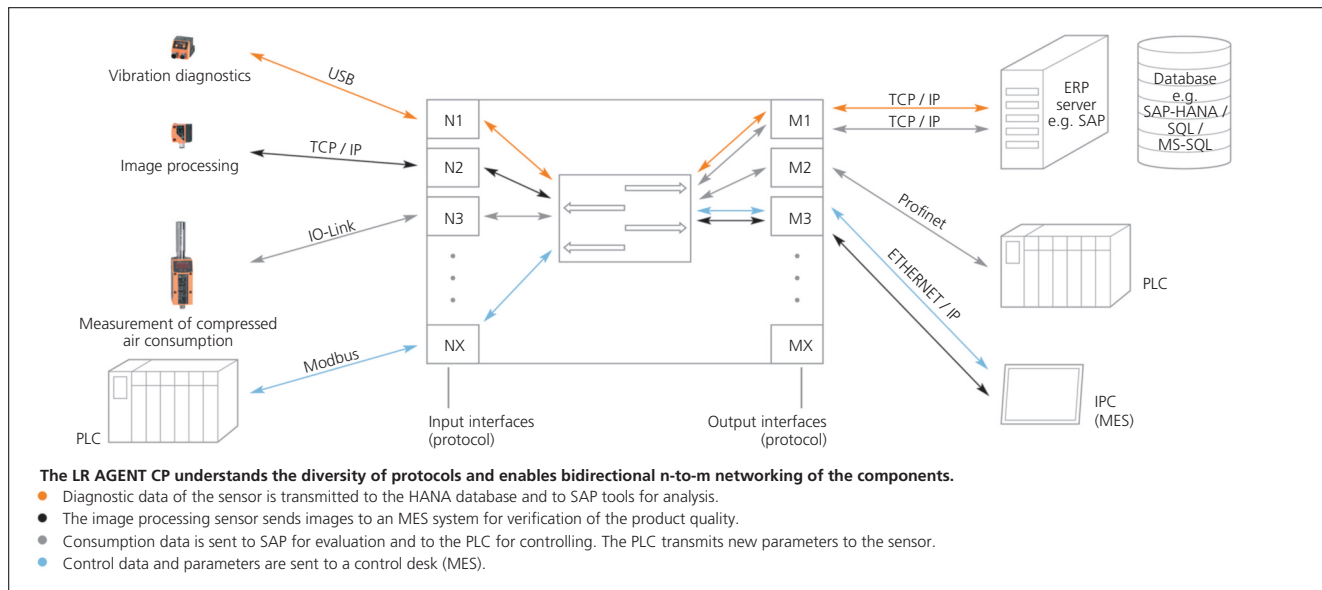
- The connection of machines, equipment and systems in the IT world is implemented via the LR AGENT CP (Connectivity Port).
- The LR AGENT CP is a combination of SAP PCo (Plant Connectivity) and the LR AGENT.
- Both programs are connected via a high-speed interprocess communication protocol.

## Customer benefits

- LR AGENT CP is a configurable, bidirectionally communicating interface software.
- LR AGENT CP records and handles process information from the plant or machines and transmits it to other systems (e.g. databases, ERP systems, MES); furthermore, LR AGENT CP sends required information back to the plant.



# LR AGENT CP Connectivity Port



## Main applications of the LR AGENT CP

### Preparation for connection to

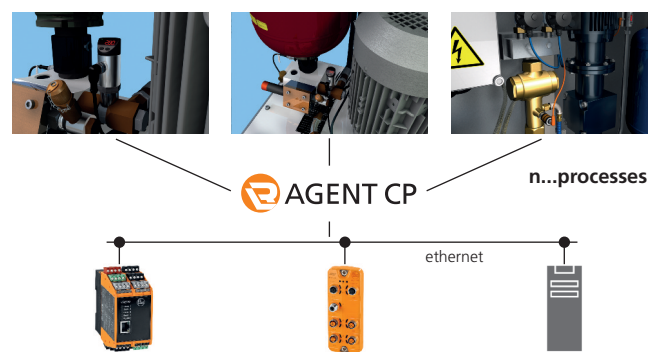
- LR SMARTOBSERVER
- SAP Business Suite via NetWeaver
- SAP MII (Manufacturing Integration and Intelligence)
- SAP ME (Manufacturing Execution)
- SAP PM (Plant Maintenance)
- SAP MM (Material Management) via SAP ME
- SAP PP (Production Planning and Control) via SAP ME
- SAP EWM (Extended Warehouse-Management)
- SAP HANA

PCo > SAP HANA http(s)

- Open Database Connectivity –ODBC
- Open Data Protocol – ODATA
- (REST)WebService

### Formats and interfaces

Binary, CSV, XML, ZVEI standard, formatted text, SQL commands, VSE, SIEMENS S7, 840D, B&R, Fanuc, File, https, Modbus, OPC UA, Oracle, SQL Server



## General system requirements

- Windows 7 SP1
- Windows 8.1
- Windows Server 2008 SP2
- WindowsServer 2008 R2 SP1
- Windows Server 2012
- 1 GB RAM
- 1 GB free hard disk space
- CPU 1.6 Ghz

## Technical data

Description	Order no.
-------------	-----------

### LR AGENT CP

LR AGENT CP (Connectivity Port) is a software gateway which enables bidirectional communication between any kind and number of interfaces. LR AGENT CP enables SAP systems such as ME, MII, NetWeaver and HANA to communicate with the largely inhomogeneous world of sensors, controllers and machines. The setup and integration of SAP PCo in the SAP system is not included in the price. Any possibly required configuration of SAP PCo in the SAP system will have to be carried out on the SAP side.

QLA001

**ifm – close to you!**

For further technical details please visit: [www.ifm.com](http://www.ifm.com)

ifm service telephone 0800161616 4 · Mon - Fri 7.00 - 18.00 (only D)