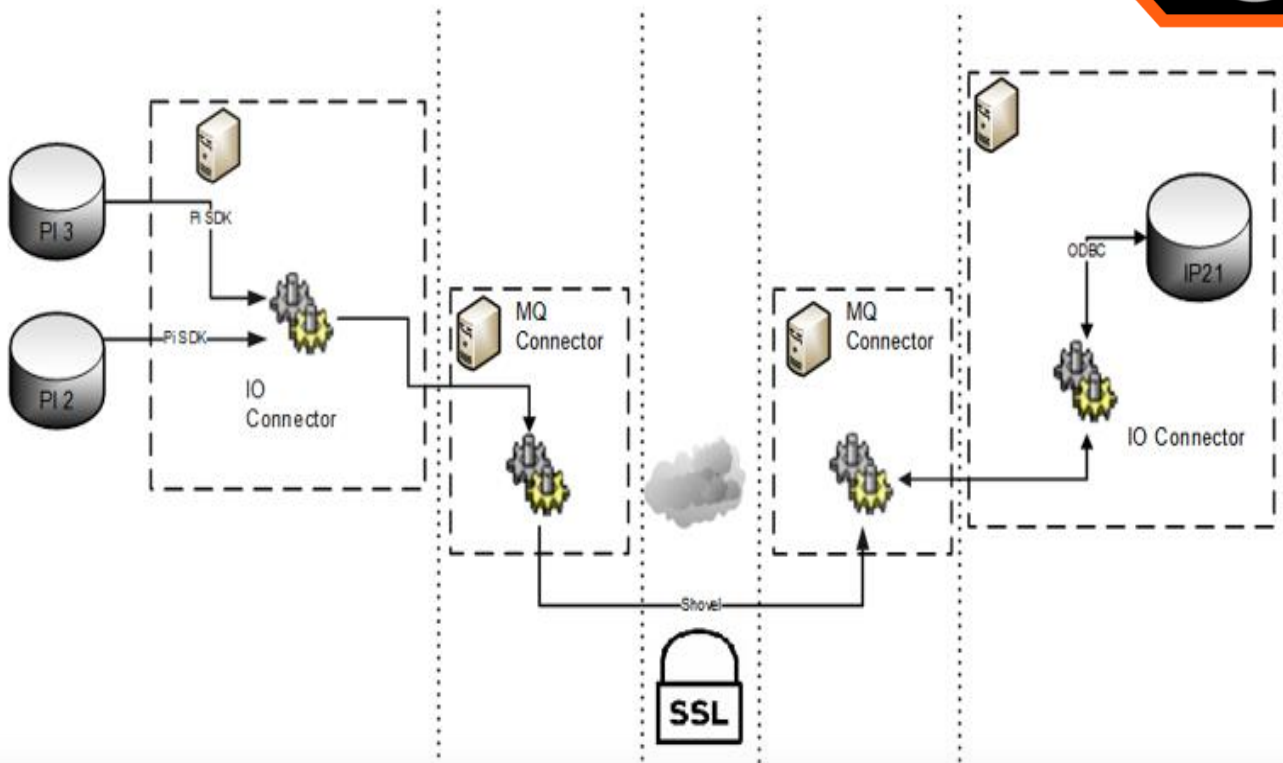


Databridge

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Why?

The Databridge is mainly in use today for data transport between:

- ✓ PI to IP21
- ✓ IP21 to IP21

Databridge has been in use for an extensive period and has met standard industrial requirements. It has been a stable data transfer system and a selection of choice for several companies.



AMQP for communication

The Databridge is designed as a service architecture to send/receive data from a source to an endpoint. Typical sources/endpoints are:

- ✓ OPC DA
- ✓ InfoPlus.21 from Aspentech
- ✓ PI from OSIsoft
- ✓ Databases through ODBC

The main reason to use AMQP for internal communication are:

- ✓ Standard libraries are used to handle internal routing in the service architecture.
- ✓ Standard libraries for handling store & forward functionality.
- ✓ Works across platforms and different development languages.
- ✓ Easy to extend the system with new functionality and data access



Architecture

- ✓ System consists of connectors with specific tasks, connected through AMQP.
- ✓ System is typically used to transport data from one location onto a different location.
- ✓ Read and write data to time series data sources, OPC, PI and IP21.
- ✓ Can read and write to different data sources.
- ✓ Easy to extend by integrating new sources and services



Databridge by Goodtech

- ✓ Reliability, including persistence, delivery acknowledgment, publisher confirms and high availability
- ✓ SSL can be applied between client and server
- ✓ Routing, specifying what information is sent between two data sources and how this information is mapped between two connectors
- ✓ Easy extendable with new functionality and communication layers (i.e. IBM WebSphere)

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