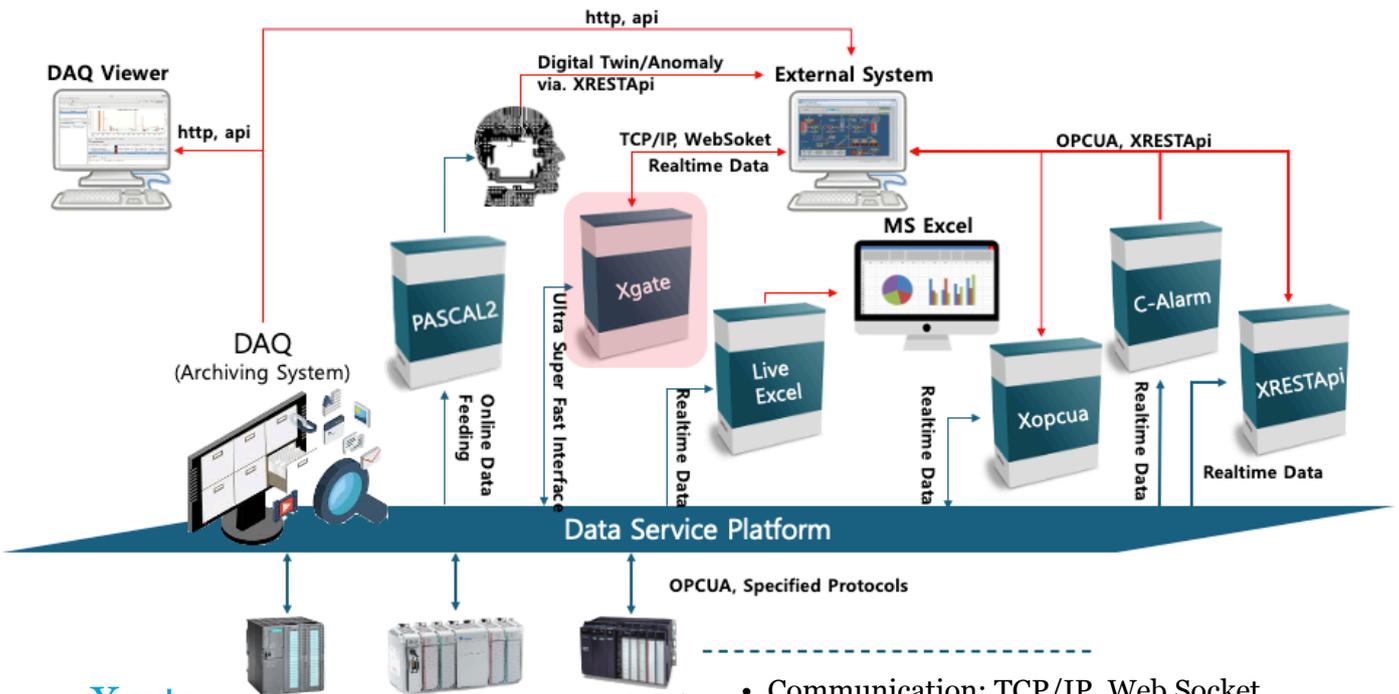# XGATE

Xgate

Xgate

Xgate is a lightweight message relay software designed for external systems that do not natively support the Data Service Platform environment. Despite its simplicity, Xgate includes all the essential functions required to communicate with the Data Service Platform.

Within the Data Service Platform, data is transmitted at high speeds using an efficient interface protocol that external systems cannot access directly. However, by using Xgate, external systems can leverage the high efficiency of the Data Service Platform interface.

Xgate also provides a WebSocket interface, enabling users to easily develop their own web services for Smart Factory and Smart City applications.

SPECIFICATIONS

- Operating Environments:

  - OS: Linux, Mac OSX

- Message Structure: Json Data Format

- Communication: TCP/IP, Web Socket

- Data Type: Scalar, Array

- Functions:

  - Read Data Information

  - Read Data Values

  - Write New Values

  - Monitor Events