

Parijat PLC - SQL Bridge – NGS-160

Parijat PLC-SQL Bridge or NGS-160 is a software that allows you to link data from PLCs or other smart devices to almost any IT database, via MS SQL Server. NGS-160 enables bi-directional data exchange between enterprise systems and any PLC or smart devices & is an alternative to FactoryTalk Transaction Manager, 1756-HIST2G, RSSQL, tManager type solutions.

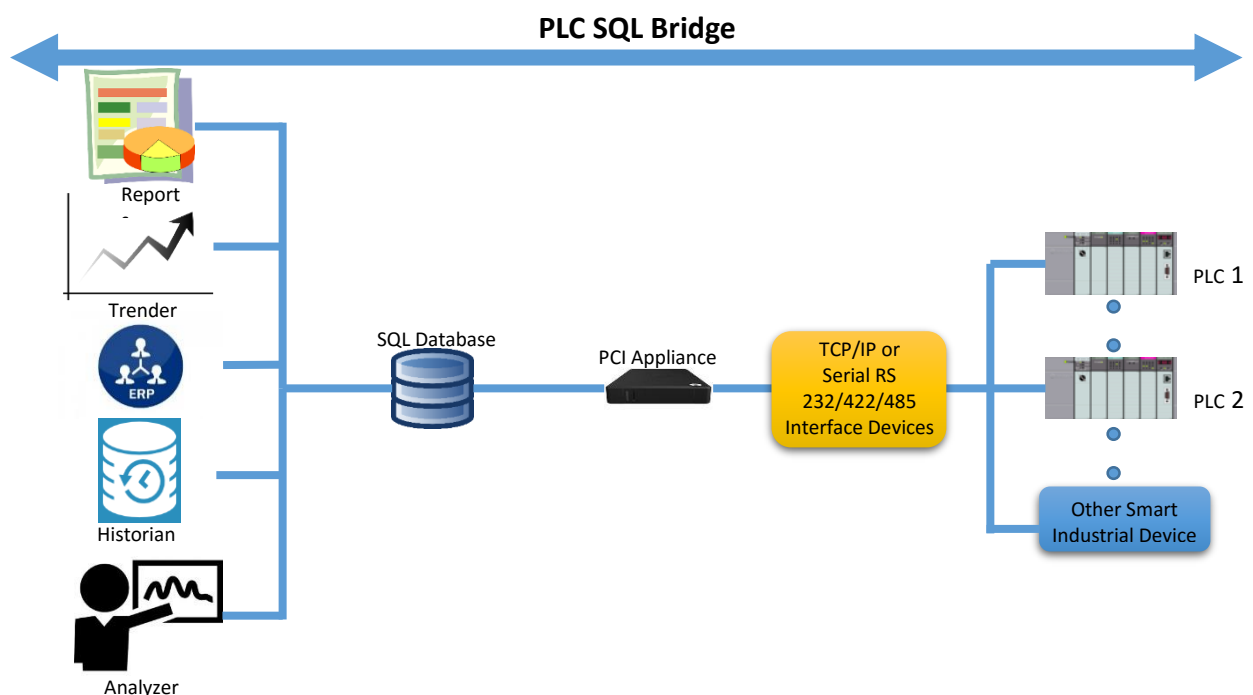
NGS-160 enables bi-directional data exchange for a variety of applications - download of recipes or upload of production data, quality data, track & trace, track genealogy/birth certificates, events, product history or equipment monitoring. Drivers for numerous PLCs & other industrial protocols are available.

A mapping software application is available to map & define triggers to other external non MS SQL server database sources or destinations. Some of the possible operations...

Triggers	Fixed cycle (Schedule-Periodic); Fixed time (schedule); Value monitoring (Data); Listener (Listener); Manual operation (On Demand);
Actions	Numerical processing (referencing other numerical operations) (Expression);
Operations	Four arithmetic operation (+, -, x, /); abs (absolute value avg (average; exp (exponential function); ln (natural logarithm);; sqrt (square root);

Features:

- Data is time stamped and all transactions saved to an audit log.
- Data source destination mapping can be set for unlimited databases, types of databases, types of connections, & tags quantity.
- Use embedded panel mount HW or desktop with any version of MS Windows XP or newer.
- Automatic e-mail notifications.
- Use multiple parallel systems for redundancy, disaster recovery
- Unlimited transactions, events & data tags.



SQL Interface

1. ODBC :

- Microsoft Access Driver (*.mdb, *.accdb)
- Microsoft Access Text (*.txt, *.csv)
- Microsoft Excel Driver (*.xls, *.xlsx, *.xlsm, *.xlsb)
- Microsoft Hive ODBC Driver
- SQL Server
- SQL server Native Client
- Microsoft dbase (*.dbf)
- Microsoft Paradox (*.db)
- Microsoft ODBC for Oracle

2. ADO.Net

DSN-Less Connection

- dBASE
- Excel
- Text File
- Visual FoxPro
- Access database
- SQL Server
- Oracle
- MySQL
- AS400
- Sybase
- Sybase SQL AnyWhere

DSN Connection

ODBC DSN

OLE DB Provider

- SQL Server
- MySQL
- AS400
- Active Directory
- DB2
- Microsoft Jet
- ODBC Databases
- OLAP
- Oracle
- Visual FoxPro
- Index Server



Any other MS ADO.NET or ODBC compliant applications.

FTP, e-mail

Options:

With Hardware.

Any additional features.

8/23/16

OLDI, Softing, tmanager, RSSQL, Factorytalk transaction manager, 1756-HIST2G Mitsubishi QJ71MES96, PLCSQLLink, SQL4Automation