Ignition Edge Hub-and-Spoke

Store-and-Forward with Local Client Fallback

Use Ignition Edge Panel with Edge Enterprise to create local client fallback with store-and-forward functionality at the edge of the network, with unlimited tags. If a network connection between Ignition Edge and the central Ignition server (with EAM installed) is severed, Edge can store tag history for one week. When the connection is restored, Ignition Edge will synchronize data back to the central Ignition server.

Plant Floor 2

PLC

Ignition Edge Panel & Ignition Edge Enterprise

With 1-Week Data Buffer

Central Ignition Gateway Client

Poll/Response Native Protocol

Plant Floor 1

PLC

Fallback if Connection Fails

Store-and-Forward When Connection is Restored

Ignition Edge Panel & Ignition Edge Enterprise

With 1-Week Data Buffer

Central Ignition Gateway Client

Internet or Wide Area Network

SQL Database

Enterprise Administration Module

Central Ignition Gateway

IT Server Room

Healthy Connection

In Case of Connection Failure

Ignition
by inductive automation