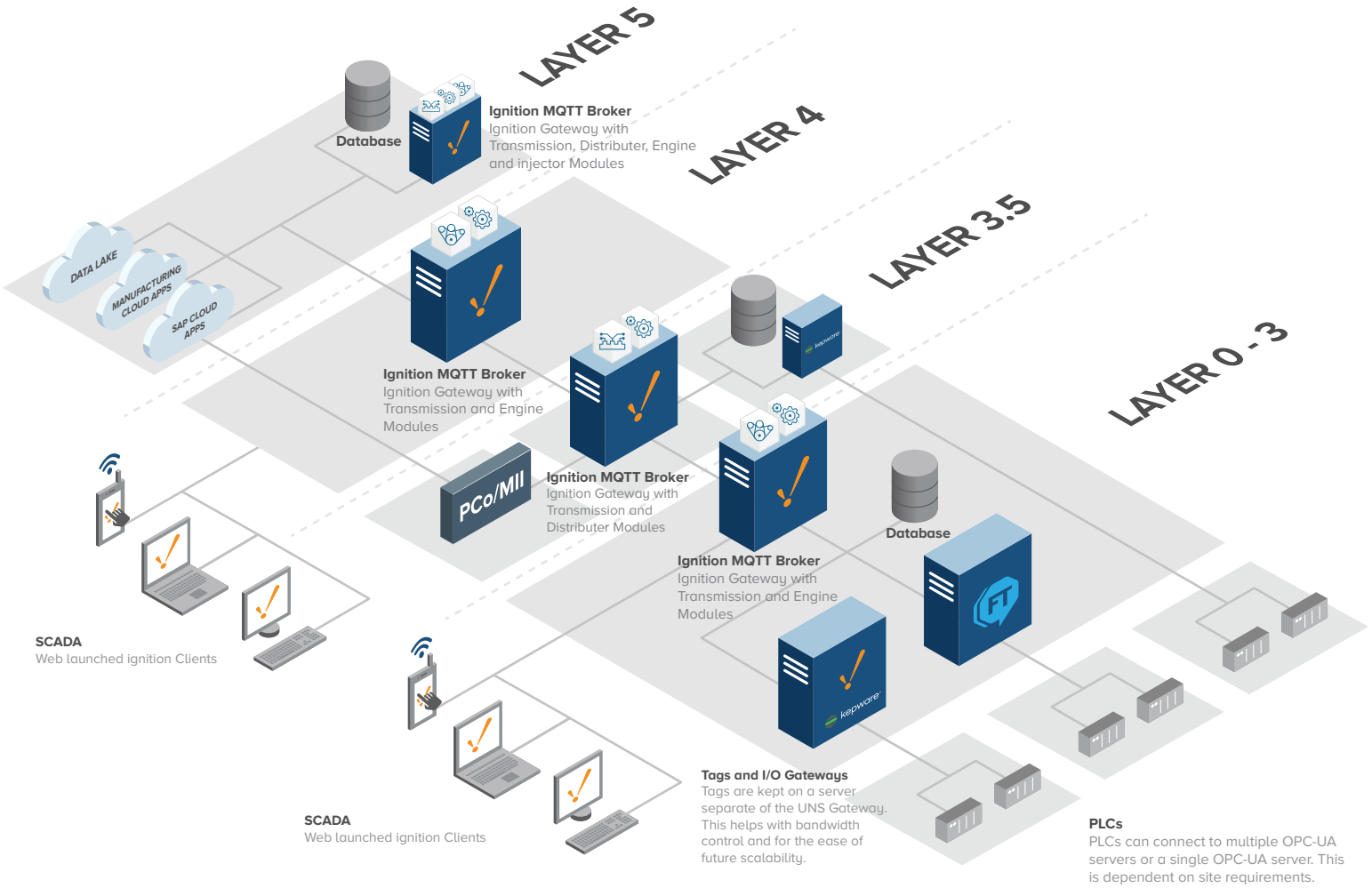
LAYER 5
LAYER 4
LAYER 3.5
LAYER 0 - 3
Database
Ignition MQTT Broker
Ignition Gateway with Transmission, Distributer, Engine and injector Modules
DATA LAKE
MANUFACTURING CLOUD APPS
SAP CLOUD APPS
Ignition MQTT Broker
Ignition Gateway with Transmission and Engine Modules
PCo/MII
Ignition MQTT Broker
Ignition Gateway with Transmission and Distributer Modules
Ignition MQTT Broker
Ignition Gateway with Transmission and Engine Modules
Database
SCADA
Web launched ignition Clients
SCADA
Web launched ignition Clients
Tags and I/O Gateways
Tags are kept on a server separate of the UNS Gateway. This helps with bandwidth control and for the ease of future scalability.
PLCs
PLCs can connect to multiple OPC-UA servers or a single OPC-UA server. This is dependent on site requirements.