## [1. Fault & Downtime **Detection 1** Automatic event detection from PLC layer or derived from OPC UA sensor data using condition functions.

[2. Event Logging] Structured storage in event log linked to assets, locations, calendar, categories, problems, and causes ation into other hydraulic systems.

[3. Analytics & Integration] Enables correlation of downtime events with operational sensor data for predictive and root-cause analysis.