

Loop Platform Standards

The protocols and standards used by Litmus Automation software comprise these categories:

- Connectivity
 - Southbound (PLC to LoopEdge)
 - Northbound (device to cloud)
- Management
- Security
- Data

Connectivity

Southbound (PLC to LoopEdge)

- ORiN device interface
- DOSA (Distributed-power Open Standards Alliance)
- OPC UA
- MTConnect open standard

Northbound (device to cloud)

- MQTT (IETF)
- REST/HTTP
- LWM2M (OMA)

Management

- LWM2M (OMA)
- oneM2M (OMA)

Security

- Authentication (follow northbound)
- Transport Layer (SSL, TLS 1.3/1.2)
- Certificate Management (EPID)

Data

- IPSO
- OPC UA