

# Matrikon Flex™ SDK

## One Stack. Many Sites.

Comprehensive OPC UA Client and Server SDK for servers, gateways, and platforms on Windows, Linux, and select RTOS — multi-threaded, multi-session, DA/HA/AC, MQTT/HTTPS, and an enterprise PKI suite.

The result? Enabling your offerings with a UA implementation that is ready for use in production, office, and cloud environments. Products you can ship sooner, pass audits easier, and scale without rework.



OPC UA

## Always-On OT Data Transparency ————— The How

### Rich UA Profiles, Covered



Data access, history, alarms & conditions for context and auditability.

### Redundancy Friendly



Built for hot/standby, failover, and multi-node continuity.

### Cloud-Ready by Default



MQTT/HTTPS routes OT data into modern enterprise stacks.

### Audit-Ready Security



PKI, trust lists, and TLS options that pass security reviews.

### Performance at Scale



Multi-threaded and multi-client support for heavy subscription loads.

### Gateway-Grade Integration



Clear APIs/callbacks for gateways, control systems, and data platforms.

## Accelerate Time-to-Market ————— The Why

### Faster Releases



"Server-in-a-Box" design + DA/HA/AC shortens integration and test cycles.

### Confident Scale-Up



From edge gateways to multi-site with MQTT/HTTPS.

### Developer Velocity



Mature APIs and reference projects cut development and debug time.

### Operational Resilience



Proven in long-running systems; designed for uptime and redundancy.

### Lower Total Cost



Less custom coding; makes integrations reusable.

### Plant-to-Cloud Continuity

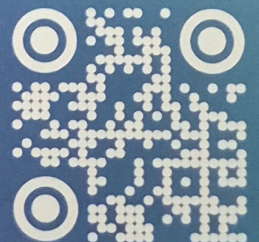


One stack for on-prem control and cloud workflows.



Suite 1800, 10405-Jasper Avenue  
Edmonton, AB, T5J 3N4  
Canada

Get  
Technical



[www.matrikonflex.com](http://www.matrikonflex.com)