



Not everything is meant to connect. Alignment isn't automatic.



BYTECIRCUIT

OT Cloud Readiness: Gut Check Before You Deploy

Use this checklist before migrating Operational Technology (OT) workloads to the cloud or edge.

📌 **1. Can this system operate locally and autonomously if disconnected from the cloud?**

Yes No Not sure

📌 **2. Does it align with physical-layer segmentation, role separation, and NERC/ISO standards?**

Fully compliant Partial Unknown

📌 **3. Do we have proof of secure failover, auditability, and data recovery?**

Validated internally

Vendor-confirmed with SLAs

Still planning it

📌 **4. Is this solution compatible with existing OT infrastructure (e.g., SCADA, AMI, RTUs)?**

Plug-and-play

Requires middleware

Major re-architecture needed

📌 **5. Has this proposal been reviewed by both IT & OT leadership?**

Yes – jointly aligned

Only one side signed off

No, still in silo

🧩 If you checked 2 or more " Not sure" or " Unknown" boxes → *your architecture may not be ready for deployment.*

💡 **Pro Tip from Kaylaa T. Blackwell @ ByteCircuit:**

If it only works in PowerPoint...it probably won't work in production. So, before you Cloudify OT: Do these 5 Checks That Could Save You Millions.