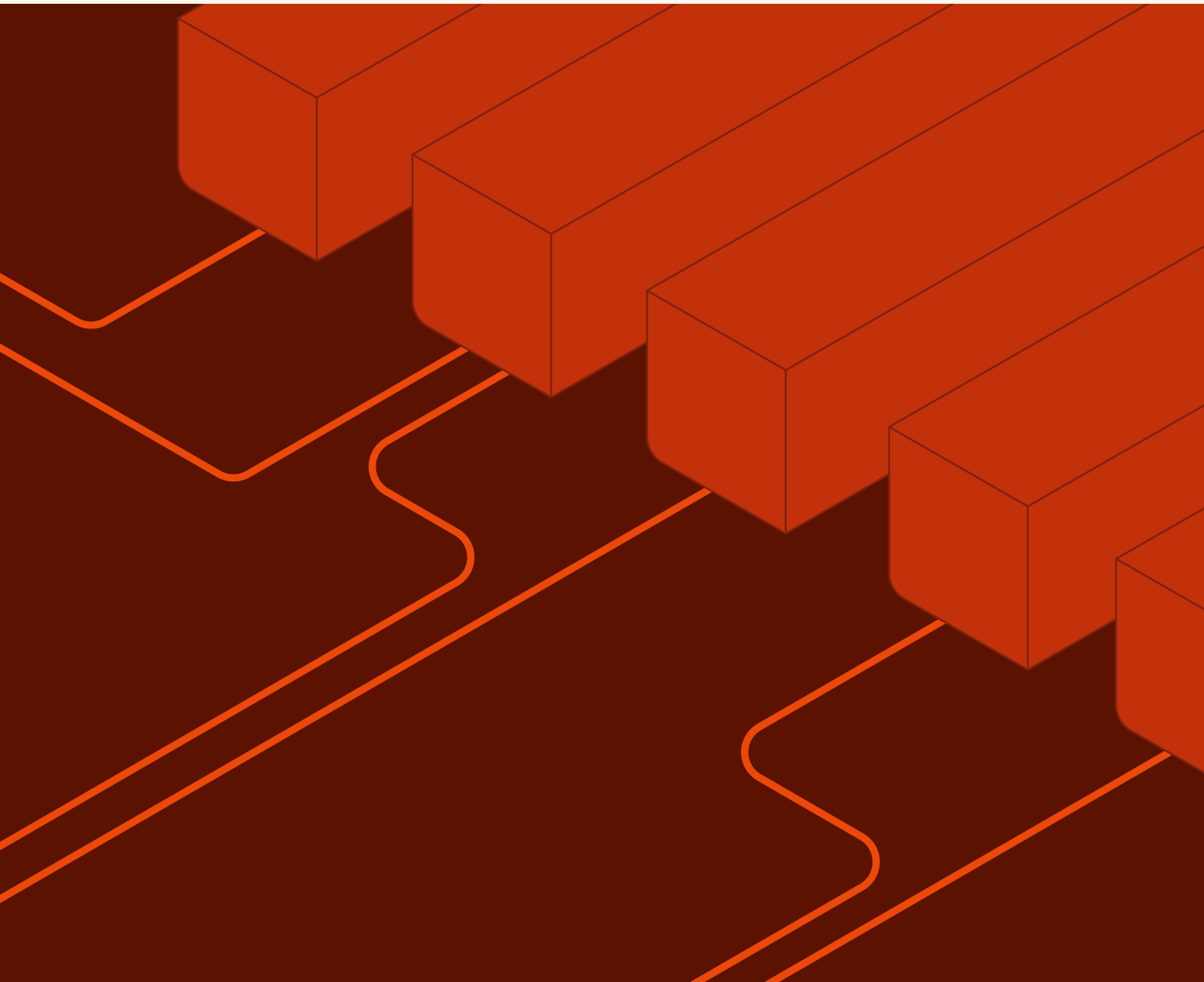
Gapit Converge

Structured OT Data for Reliable Data Center Delivery

PRODUCT BROCHURE



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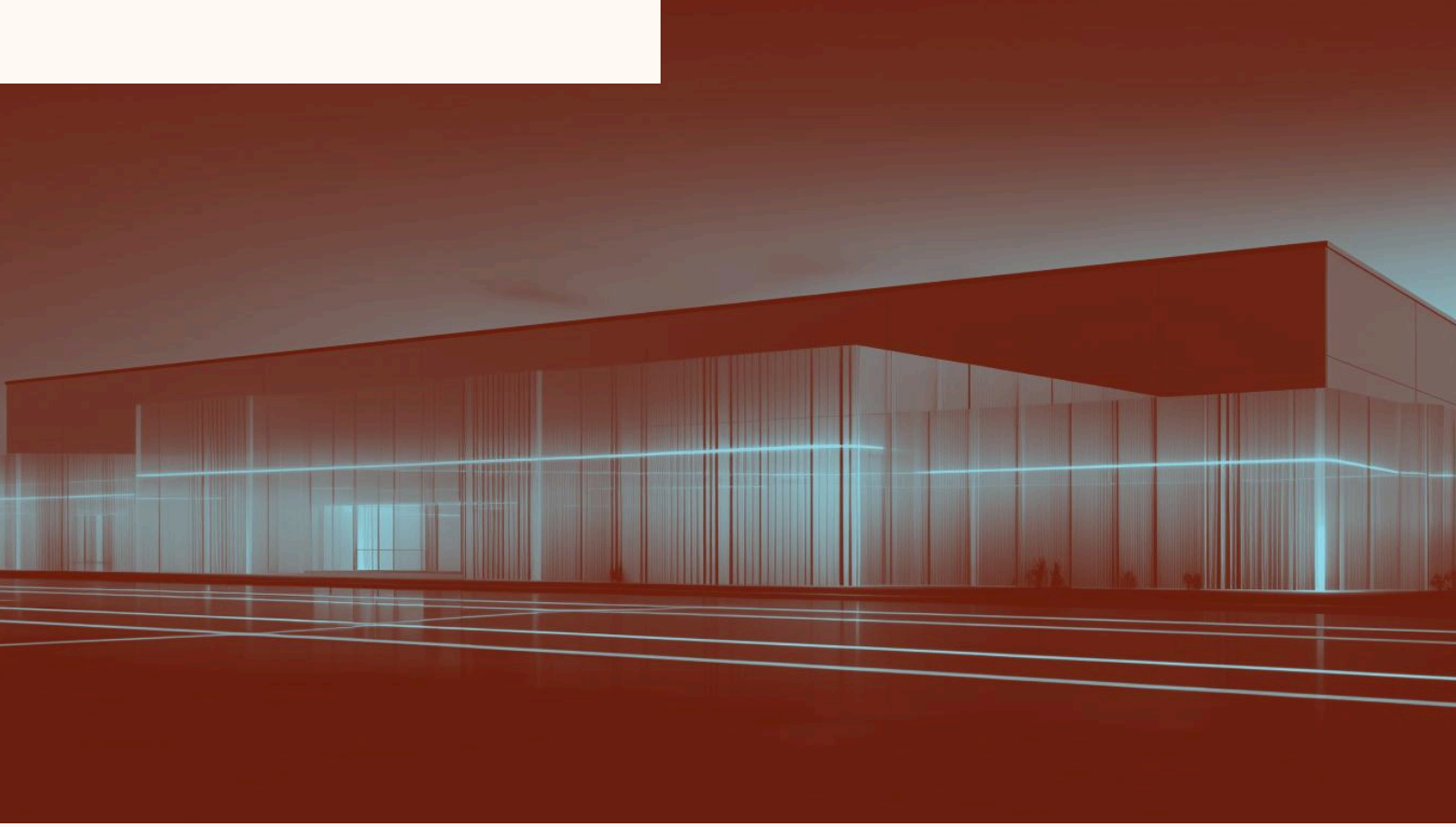


Structured Operational Technology Data for Modern Data Centers

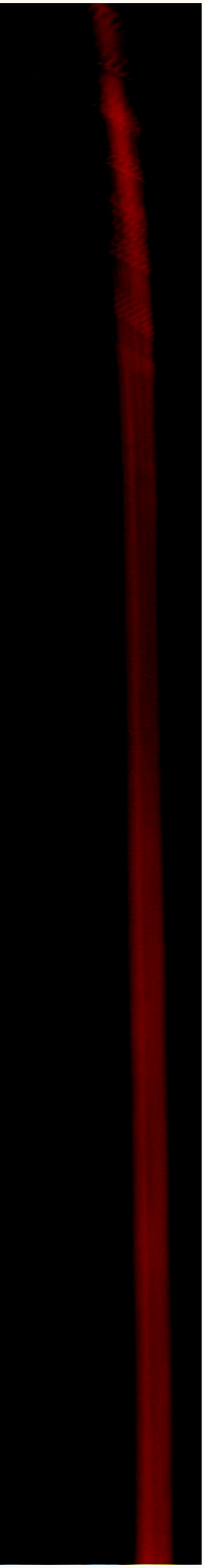
Modern data center and critical infrastructure projects generate large volumes of data from Operational Technology (OT) systems, including BMS, PMS, EPMS, and field devices. This data is critical for commissioning, operations, and long-term asset management.

However, OT data is often delivered in fragmented, inconsistent formats with limited documentation and strong vendor dependencies. This makes integration and reuse difficult, delays commissioning and handover, increases project risk, and limits the organization's ability to use operational data effectively across the asset lifecycle.

Gapit Converge addresses this problem by not only supporting delivery, but also ensuring that OT data remains centralized, understandable and maintainable over time.

Structure, standardize, and prepare operational technology data for projects and operational systems.

Delivered through a combination of defined methods, technical frameworks, and hands-on engineering. Developed and applied by teams with experience from complex data center and critical infrastructure projects.



MADE TO BE RELIABLE

By establishing clear documentation, consistent models, and traceable configurations during the project phase, Converge reduces dependency on individual vendors or project personnel and supports future modifications without reintroducing inconsistency.

This approach strengthens lifecycle governance and helps prevent technical debt from accumulating after handover.

KEY CUSTOMER BENEFITS

Clear and trustworthy operational data

Gapit Converge establishes structured and validated OT data during the design and build phase. This improves data quality and consistency, ensuring that information delivered to IT systems and monitoring platforms is accurate, traceable, and reliable from day one.

Gapit Converge enables seamless integration between OT and IT environments regardless of system vendors or hardware choices. This provides flexibility, reduces dependency on proprietary solutions, and simplifies future expansion.

Reduced project risk through early validation

By embedding validation and systematic testing into the build process, Gapit Converge helps identify issues before systems go live. This reduces the likelihood of late-stage surprises, rework during commissioning, and operational instability after handover.

Predictable commissioning

When OT data is structured and verified continuously during delivery, commissioning becomes a controlled verification activity rather than a fault-finding exercise. This shortens commissioning timelines and reduces uncertainty toward project completion.

Improved collaboration across disciplines

Common structures, documentation, and engineering practices help align stakeholders across OT, IT, vendors, and project teams. This reduces ambiguity, improves coordination, and supports more predictable project execution.

Built for the Design and Build Phase

When data is structured and validated continuously during build, commissioning becomes a verification exercise rather than a debugging phase. This shortens timelines and reduces uncertainty toward project completion.

Gapit Converge is designed to be used while systems are being designed, configured, and integrated. It supports iterative validation as systems evolve, rather than relying on late-stage inspections or manual reviews.

By embedding Gapit Converge structure and quality control into the build process, Converge helps project teams deliver infrastructure that is not only functional, but also coherent and future-ready.

Structured data onboarding during build

Gapit Converge connects to OT systems as they are configured during the build phase. Operational data is collected directly from source systems and prepared for validation, alignment, and further use throughout the project lifecycle.

Standardized data modeling

Operational data points are mapped and named according to agreed structures and data models. This establishes consistency across systems and vendors within the project, independent of underlying technologies or suppliers.

Validation and quality control

Gapit Converge continuously validates data completeness, structure, units, and behavior. This enables early identification of deviations from project requirements and reduces the risk of issues surfacing late in commissioning.

Traceability and transparency

Changes, gaps, and deviations are tracked and made visible throughout the project. This supports clear traceability, shared understanding, and accountability across project stakeholders.

WAY OF WORK

PROJECT START

Engineering

Define requirements, equipment lists, systems layouts, and control topology.

Procurement

Secure and order necessary equipment according to project matrix.

Controls

Develop PLC/HMI software and test panels to ensure correct functionality.

Commissioning

Configure, test, and verify all systems on-site until BMS is ready.

BMS READY

Unity Design

Custom dashboards and digital twin models are prepared for deployment.

Deployment

Install and configured Unity system on servers, migrate data, and apply add-ons.

Testing

Final acceptance testing (SAT) with customer sign-off ensures system is fully validated and operational.

OPS READY

Designed for Continuity Beyond Delivery

With Gapit Converge applied during the design and build phase, value extends beyond project completion. By delivering structured and validated operational data at handover, Gapit Converge supports a controlled transition from project delivery into operations.

This approach reduces the need for rework, preserves project intent, and provides management and operational teams with a data foundation they can understand, trust, and build upon when integrating with platforms such as Gapit Unity, Gapit Horizon, or other operational and analytics systems.

Creativity and expertise have shaped the way we monitor data centers.

Gapit Nordics is a leading supplier of automation and monitoring systems for data centers across the Nordics and Europe. Our solutions give operators full insight and control, built on open standards and free from vendor lock-in.

Today, we deliver advanced BMS and OT solutions to some of the largest and most demanding data centers in the region — combining deep technical expertise, modern platforms, and a commitment to transparency. With every project, we help our customers simplify complexity, automate operations, and future-proof their infrastructure.

Get in Touch With Us

If you'd like to understand how Gapit Nordics works, or how our products are used in practice, we're happy to continue the conversation.

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SMARTER MONITORING. STRONGER DECISIONS.