

When you need to be sure



Data Centre Commissioning

Digital commissioning, integrated delivery and operational readiness from day one



SAFER
GREENER
SMARTER





Integrated commissioning is about enabling reliable operations from day one."

We build trust in critical infrastructure delivery

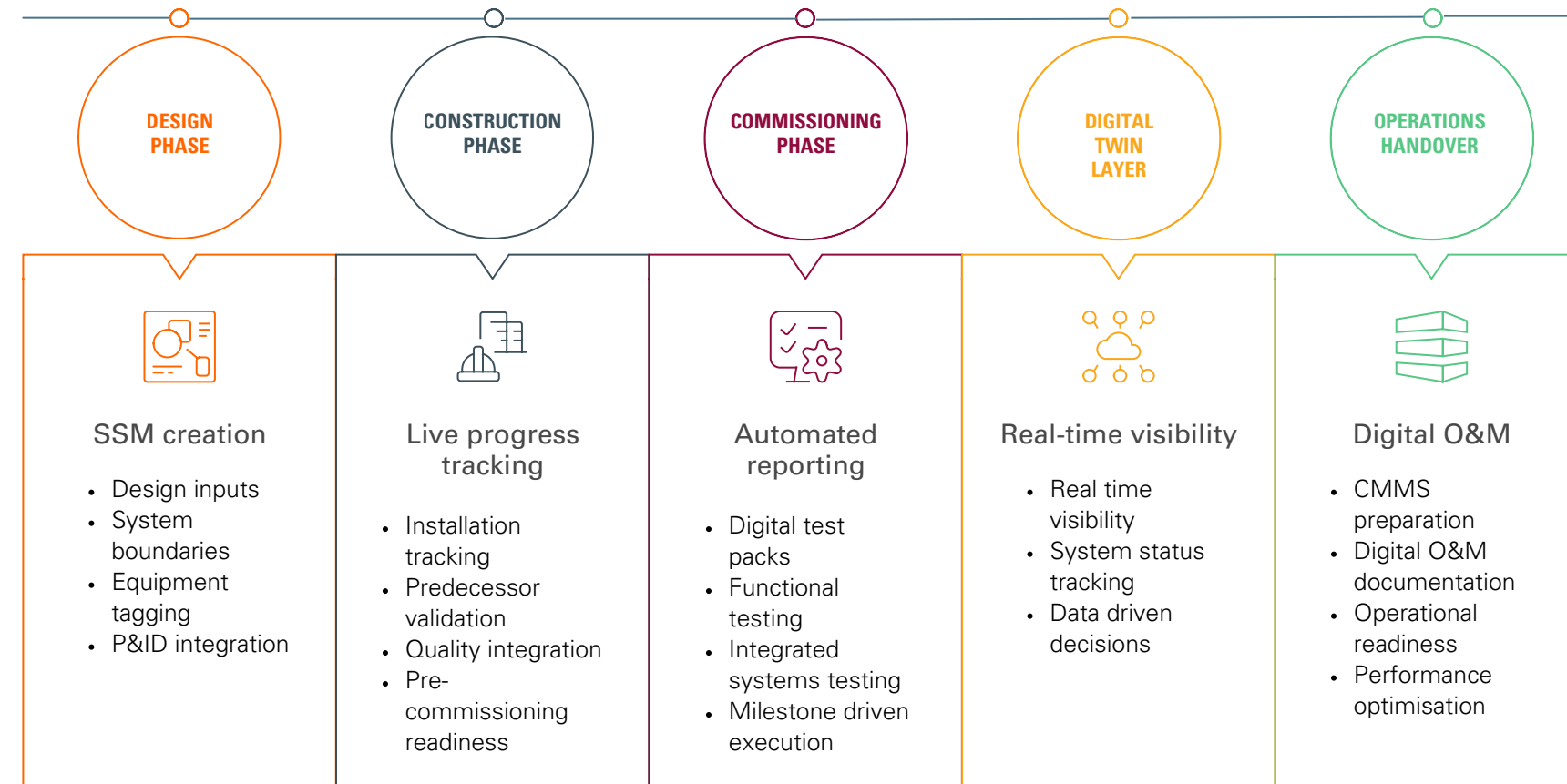
Data centres are mission critical assets. They demand absolute reliability, predictable delivery and flawless operational readiness.

At SGS, we combine global expertise with local delivery to support complex infrastructure projects across their entire lifecycle. Our commissioning (Cx) services are built on decades of engineering excellence, safety leadership and independent verification expertise.

We partner with owners, developers and contractors to reduce project risk, accelerate go live timelines and protect long term asset performance.

This is how SGS helps clients deliver safer, smarter and more resilient data centre operations.

Digital commissioning flow powered by SSM



Data centre complexity demands integrated commissioning

- Modern data centres operate at the intersection of power, cooling, automation and digital infrastructure. Each system is interdependent. A failure in one component can impact the entire operation.
- Traditional fragmented commissioning approaches create risks such as delayed handover, rework, interface conflicts and operational instability.
- SGS addresses this challenge through an integrated commissioning model that connects design, construction, testing and handover into one coordinated delivery framework.
- By engaging early and managing commissioning as a strategic project function, we help clients transform complex CAPEX projects into stable OPEX ready assets.



The higher the asset complexity, the more critical integrated delivery becomes."



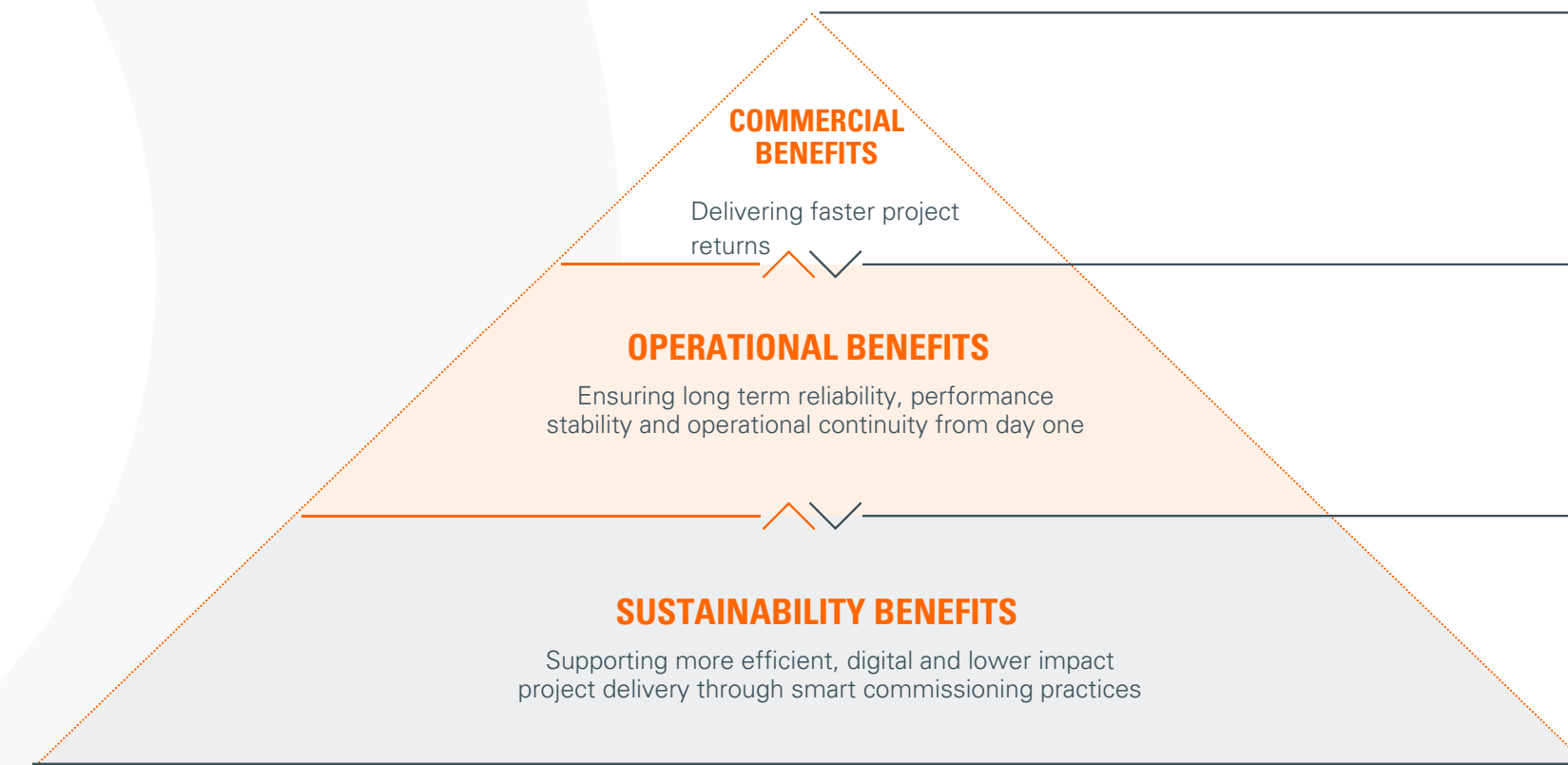
Integrated digital commissioning is the fastest path from construction to reliable operations.”

SGS integrated digital commissioning approach

Our commissioning model is designed to accelerate delivery, reduce operational risk and ensure full system readiness at handover.

EARLY ENGAGEMENT	DIGITAL COMMISSIONING	INTEGRATED PROJECT	OPERATIONAL READINESS
<ul style="list-style-type: none"> We integrate commissioning from the earliest project phases. By supporting design and construction planning, SGS helps identify system dependencies, defines commissioning strategies and aligns project milestones. This proactive approach reduces late stage changes, minimizes rework and improves overall project predictability. 	<ul style="list-style-type: none"> SGS uses System Start-up Matrix (SSM) methodology as the digital backbone of commissioning delivery. SSM connects equipment, systems, testing activities and project milestones into one live data environment. This enables real time visibility, dependency management and structured handover documentation. Digital commissioning improves transparency, reduces manual reporting and enables faster decision making across project teams. 	<ul style="list-style-type: none"> SGS integrates commissioning with quality, construction interfaces and project controls. This unified delivery model reduces handover friction, eliminates duplicated inspections and ensures consistent execution standards across disciplines. Clients benefit from simplified communication, faster issue resolution and stronger schedule control. 	<ul style="list-style-type: none"> Our role does not stop at system testing. SGS prepares your site for operational readiness through structured handover, documentation management, CMMS preparation and operational training support. The result is a smooth transition from project delivery into stable live operations.

Business impact that matters



Integrated commissioning transforms project delivery into measurable business performance.”

- Faster go live and revenue activation
- Reduced commissioning duration
- Lower rework and defect correction costs
- Predictable milestone driven delivery
- Higher system reliability and uptime readiness
- Reduced early life operational failures
- Improved long term asset performance
- Stronger safety and compliance assurance
- Reduced re-testing and commissioning waste
- Fully digitalized documentation workflows
- Last site travel through remote commissioning capabilities
- Optimised energy and resource utilisation



Global standards,
local delivery and
one trusted
commissioning
partner.”

Why choose SGS for data centre commissioning

- Highly experienced commissioning teams
- Specialist expertise in digital commissioning
- Integrated SGS service ecosystem
- Independent trusted partner model
- Global standards with local delivery capability
- Competitive cost structure through local resource deployment

Ready to accelerate your data centre project?

Contact SGS to discuss your integrated commissioning strategy.

CONTACT US

IE.CQV.INFO@SGS.COM