

THE OPTIMIZATION OF DATA CENTRE DEPLOYMENT



BUILDING DATA CENTRE RESILIENCY

Build. Connect. Power. Protect. Services. Worldwide.

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DATA CENTER RESILIENCY

- Customer priorities
- Data Centre Products
- Data Centre Services



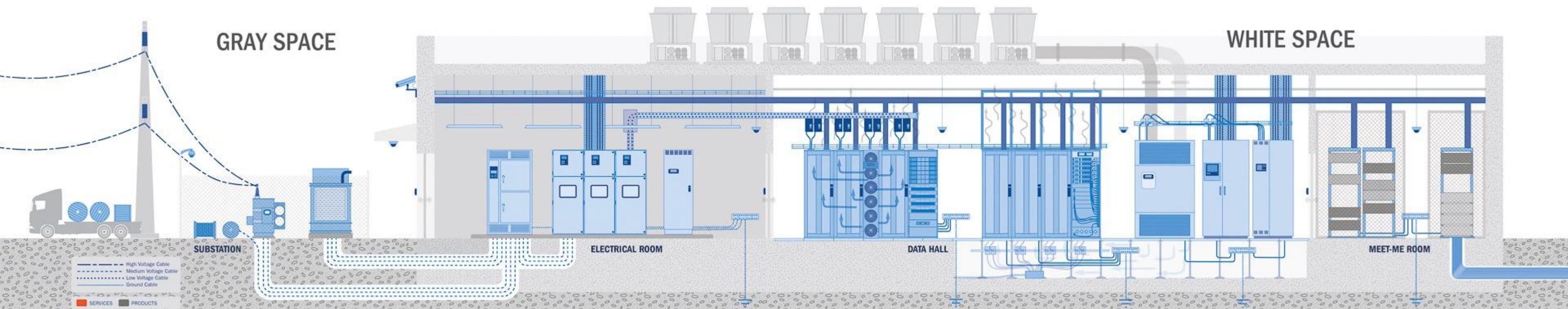
SUPPLY CHAIN RESILIENCY

DATA CENTRE PRIORITIES



Construction timeline expectation
6-9 months compared to
12-18 months just a few years ago

WHAT IS YOUR PARTNER STRATEGY FOR ALL PHASES OF DATA CENTRE DEPLOYMENT?



● PLANNING ● DESIGN ● CONSTRUCTION ● COMMISSION ● OPERATION ● REMEDIATION

DATA CENTRE SUPPLY CHAIN PHASES

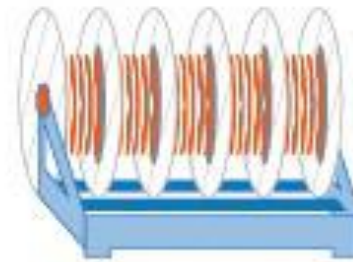
EXPERTISE IN EVERY PHASE OF DATA CENTER CONSTRUCTION



SOURCING



ANIXTER SITE
MATERIAL MANAGEMENT



PRODUCT ENHANCEMENT
& PACKAGING



LOCAL AND
GLOBAL LOGISTICS



JOB SITE
MATERIAL MANAGEMENT

REDUCE COST AND INCREASE SPEED OF CONSTRUCTION

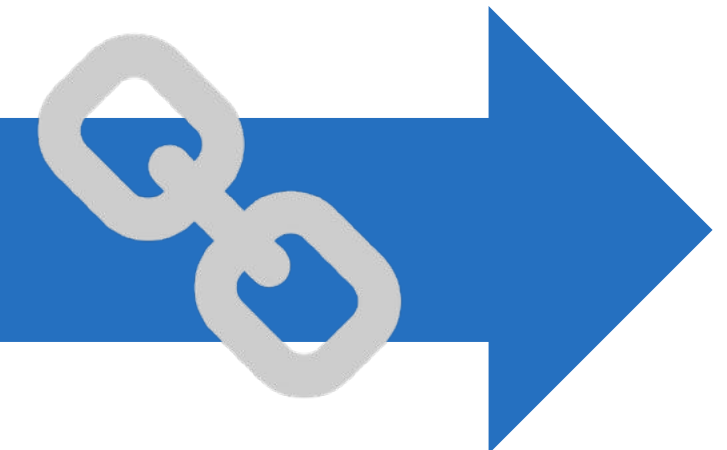
REDUCE UNPRODUCTIVE
LABOR

REDUCE SCRAP
AND EXCESS

INCREASE
FINANCIAL LEVERAGE

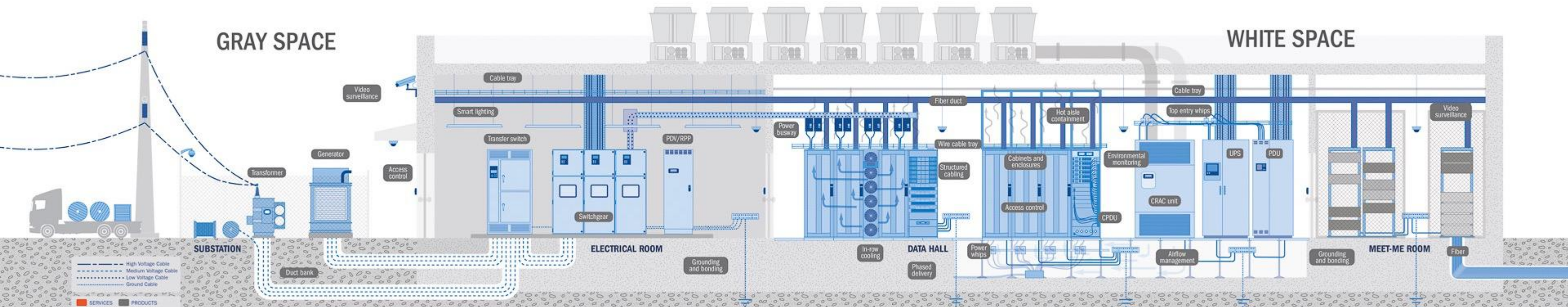
MITIGATE RISK

build in **RESILIENCY** through supply chain **PREPAREDNESS**



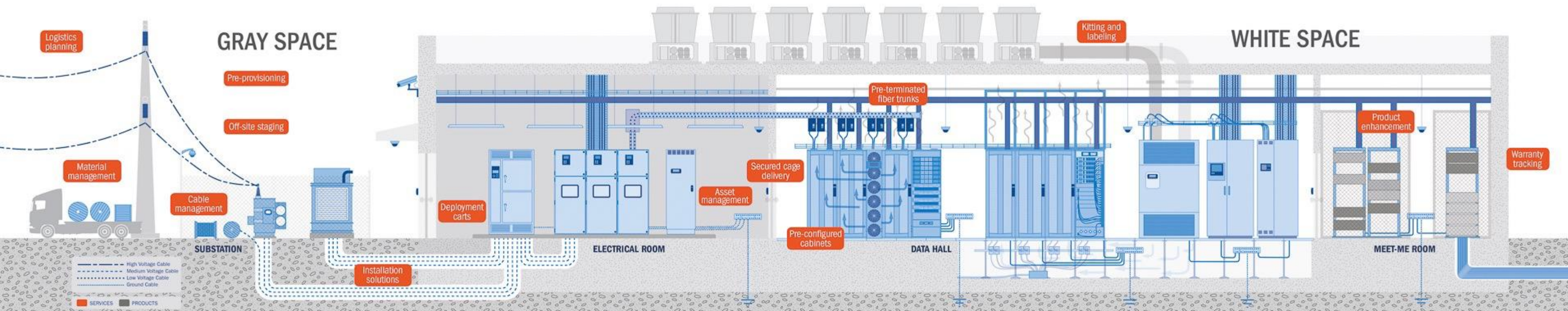
The **GRAY SPACE** represents the base building electrical infrastructure and mechanical plant and equipment where operational technology is located including **medium voltage electrical switch gear, Uninterruptable Power Supplies (UPS), transformers, chillers and generators.**

The **WHITE SPACE** in data centres represents the area where IT equipment is housed, powered and cooled and includes **servers, storage, network infrastructure, connectivity, racks, air conditioning, low voltage power distribution systems and data center infrastructure management tools (DCIM).**

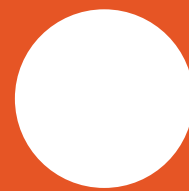


- Electrical Cable
- Cable Tray & Ducting
- Lighting Solutions
- Racks & Enclosures
- Electrical Supplies
- Security Solutions
- Network Infrastructure
- Power & Thermal Solutions

DATA CENTRE DEPLOYMENT SERVICES & SOLUTIONS



INSTALLATION
ENHANCEMENT
SERVICES





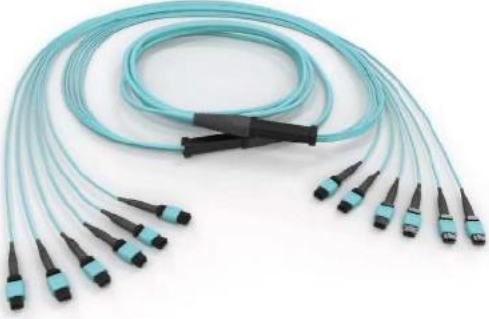


PROJECT
DEPLOYMENT
SERVICES



SUPPLY
CHAIN
PROGRAMS

EXAMPLES OF INSTALLATION ENHANCEMENT SERVICES

CABLE TRAY CART	PRE-CONFIGURED CABINETS	SECURE CAGE DELIVERY	INSTA-REEL SOLUTIONS	PRE-TERMINATED FIBER TRUNKS
				
<p>Reduces cable tray labor and installation time</p>	<p>Save time at the job site with non-productive labor used to assemble and unpack cabinets</p>	<p>Increase security and productivity by minimizing trips to the storage area</p>	<p>Oversized flanges attached to both sides that become a payout stand when chocked in place</p>	<p>Label sequence numbering for easy identification</p>
<p>What is your cost of cable tray installation?</p>	<p>How do you currently manage cabinet deliveries?</p>	<p>How do you currently secure your data center material?</p>	<p>How many contractors are required to install long cable runs?</p>	<p>How do you ensure pre-terminated fiber trunks are assigned to the right cabinet?</p>

OPERATIONAL RESILIENCE AND BUSINESS CONTINUITY

RESILIENCY can be achieved with supply chain **PLANNING**



In addition to designed architectures and topologies for optimizing uptime, other RESILIENCY considerations include

- **Agile capacity expansion**
 - Change posture from JIT DC Hardware to **forecasted material demand**
- **Supply chain resiliency**
 - Understand critical **material availability**
 - **Leverage ecosystem** of various solutions (compliant quality alternatives)
 - **Remediation kits** (Modular connectivity, power, airflow solutions)

TECHNICAL SERVICES OFFERING



Application Consultation

Product Selection

Design Assistance

Specification Development & RFX Reviews

Application Drawings

Codes & Standard Interpretation

Technology Education

Project Cost Savings Review

Infrastructure Troubleshooting & Investigations

Installation Best Practices Review

Cable Sizing & Pull Calculations

Custom Cable Design

THANK YOU

ANIXTER