



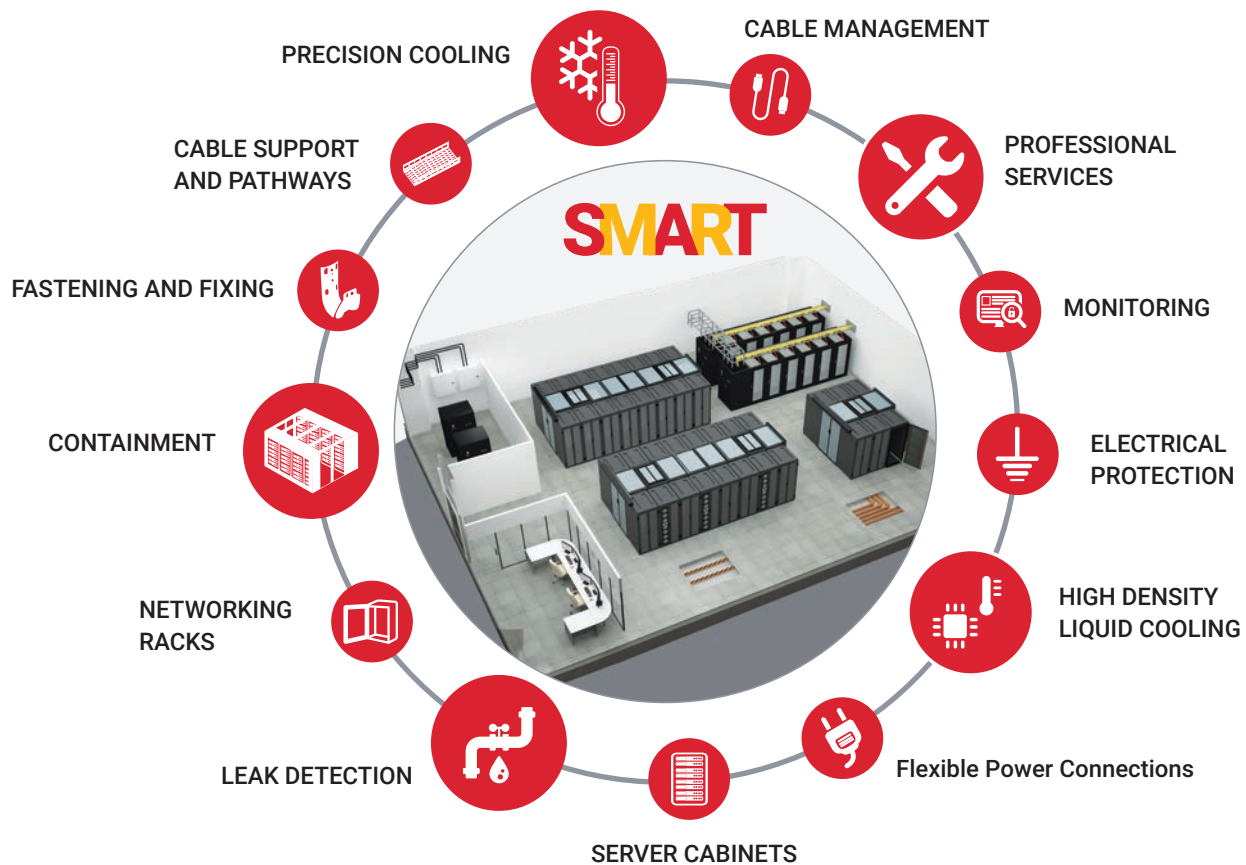
CONNECT AND PROTECT

nVent Data Centres Power Solutions

Our Flexbus Solution for Data Centres Critical Power



nVent Solutions for Data Centres



YOUR BENEFITS

1 Space Saving

3 Total Installation Cost Reduction

2 Easy-To-Install

4 Reduced Maintenance costs

Optimised solutions for connecting and protecting mission-critical data centre and networking infrastructure

We offer a comprehensive portfolio of smart enclosures, power distribution, cable management and liquid cooling solutions that protect critical systems and help drive resiliency, serviceability and energy efficiency for networking, data centre and communication applications.



Energy Efficiency

Liquid cooling solutions can provide significantly higher cooling efficiency compared to traditional air-cooling methods.



Customer Productivity

Our cable management and power distribution solutions facilitate the flow of power around data centres with safe and easy-to-install fastening and support, cable trays and pathways.



Product Lifespan

Our solutions are serviceable without interrupting data center operations and our monitoring systems can quickly pinpoint issues to ensure systems are running smoothly.



Safety

Our modular and scalable enclosures portfolio can be deployed to protect mission critical IT infrastructure and our solutions are designed to drive safety and access control.



Resiliency and Protection

Our high-performance liquid cooling solutions help data centres efficiently manage high heat loads from next-gen technology.

nVent ERIFLEX Flexbus system

nVent ERIFLEX Flexbus is an innovative and patented connection solution between two electrical equipment installations, such as transformers, switchboards, generators or large uninterrupted power supplies (UPS).

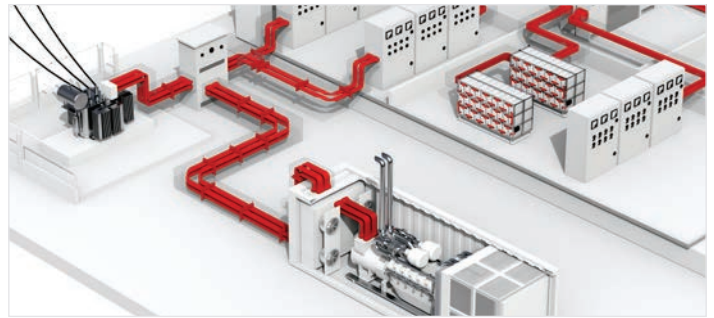
Due to its unique concept, nVent ERIFLEX Flexbus is an alternative power connection solution for



Up to 50% quicker installation



20% reduction in total installed cost at a minimum



OPERATING ADVANTAGE

- Versatile, customizable, user friendly and no specific tool required. Attractive for short distances, up to 25 meters
- No specialized labor force necessary with a ready-to-use solution
- Very flexible conductor with no bending radius to follow
- Achieve virtually any layout and overcome any imperfections that may be found on-site
- No cable tray necessary to support Flexbus Conductors



SPACE AND WEIGHT

- Only one conductor per phase from 400 kVA (560 A) to 1600 kVA (2250 A) and two conductors per phase for 2000 kVA (2800 A) to 3150 kVA (4435 A) when cable solution requires multiple conductors per phase
- 3 Flexbus conductors per phase for 5000 & 6300 A which makes it ideal to optimize your DCiE (Data Center Infrastructure Efficiency)
- No need for specific engineering/study or strict installation measurement
- Total installation cost reduction of minimal 20%



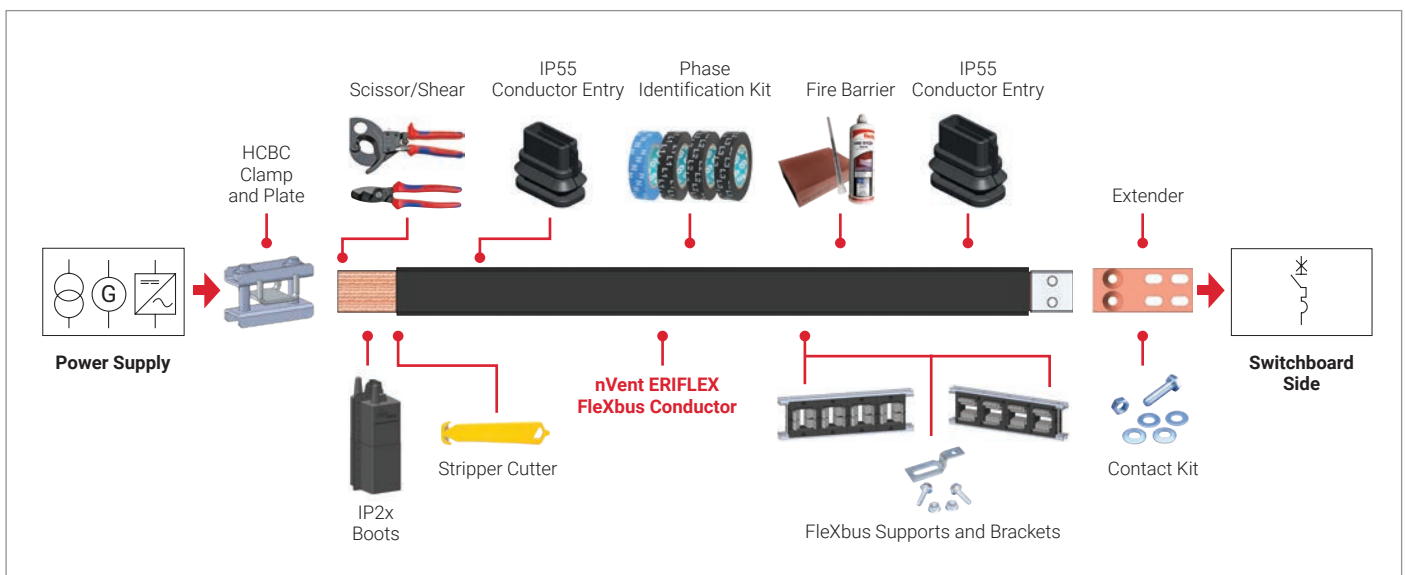
TIME SAVING

- Up to 50% quicker to install than busduct or wireway/cable tray with multiple cables and lugs



RELIABILITY AND SAFETY

- IEC worldwide tested and certified
- Low smoke, halogen-free, flame retardant and high-temperature resistant



Customized Solutions for your needs

We make complex needs simple. Did you know that nVent engineering experts can support your system design, provide technical and configuration advice, and help quote your Flexbus solution for your data centre infrastructure?



By leveraging nVent solutions and using our engineering expertise, designers and manufacturers can reduce their total installation costs while improving safety and reliability and meeting stringent customer requirements.

Let our in-house experts assist by supporting your system design, providing technical and configuration advice or quoting for complete low-voltage power solutions. To assist with assembly manufacturing, our nVent team provides:



Design support



Early involvement with the customer

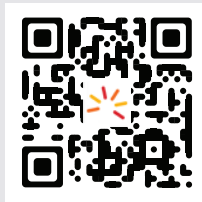


Training and assistance during installation

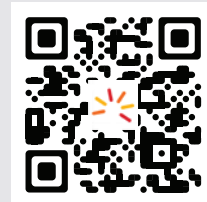


Our proprietary interactive panel software

Discover more about our solutions for Data centres



Scan to go to
[nVent Data Centre virtual world](#)



Scan to go to
[nVent Data Centre Solutions page](#)



Our powerful portfolio of brands:

CADDY

ERICO

HOFFMAN

ILSCO

RAYCHEM

SCHROFF