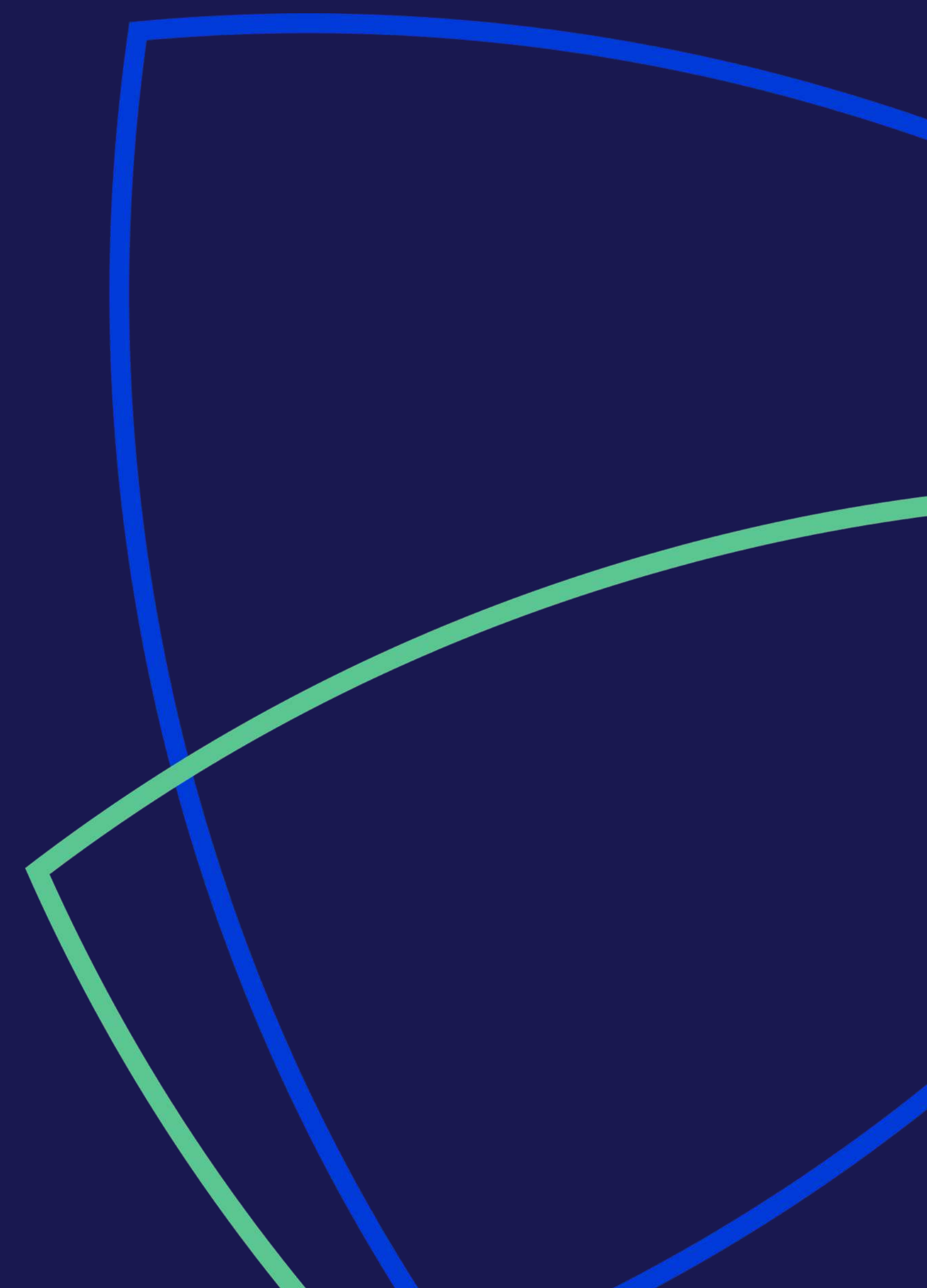


EdgeDC+ Low-risk, high value

Product Intro



Altron Modular

25 years of experience accelerating DC returns

EU-quality product delivered anywhere globally

Vendor with service-integrator mentality

Product family of prefabricated DCs

Production facility in the Czech Republic



Selected References



Altron[®] Modular



| Rapid growth in Data Center industry

- Colo, Cloud, Telco services providers
- Mission Critical Data Center Facilities

They all have the same challenge

Supply new capacity at the scale and industry quality for controlled price and yet on time.

This has been challenge of industry for decades and now it has become a global race for quick capacities to accomodate demanding clients.

Altron Modular has portfolio of prefabricated products that has carefully sized parameters meeting the demand and yet recycling the experience in process from project to project.





Technology

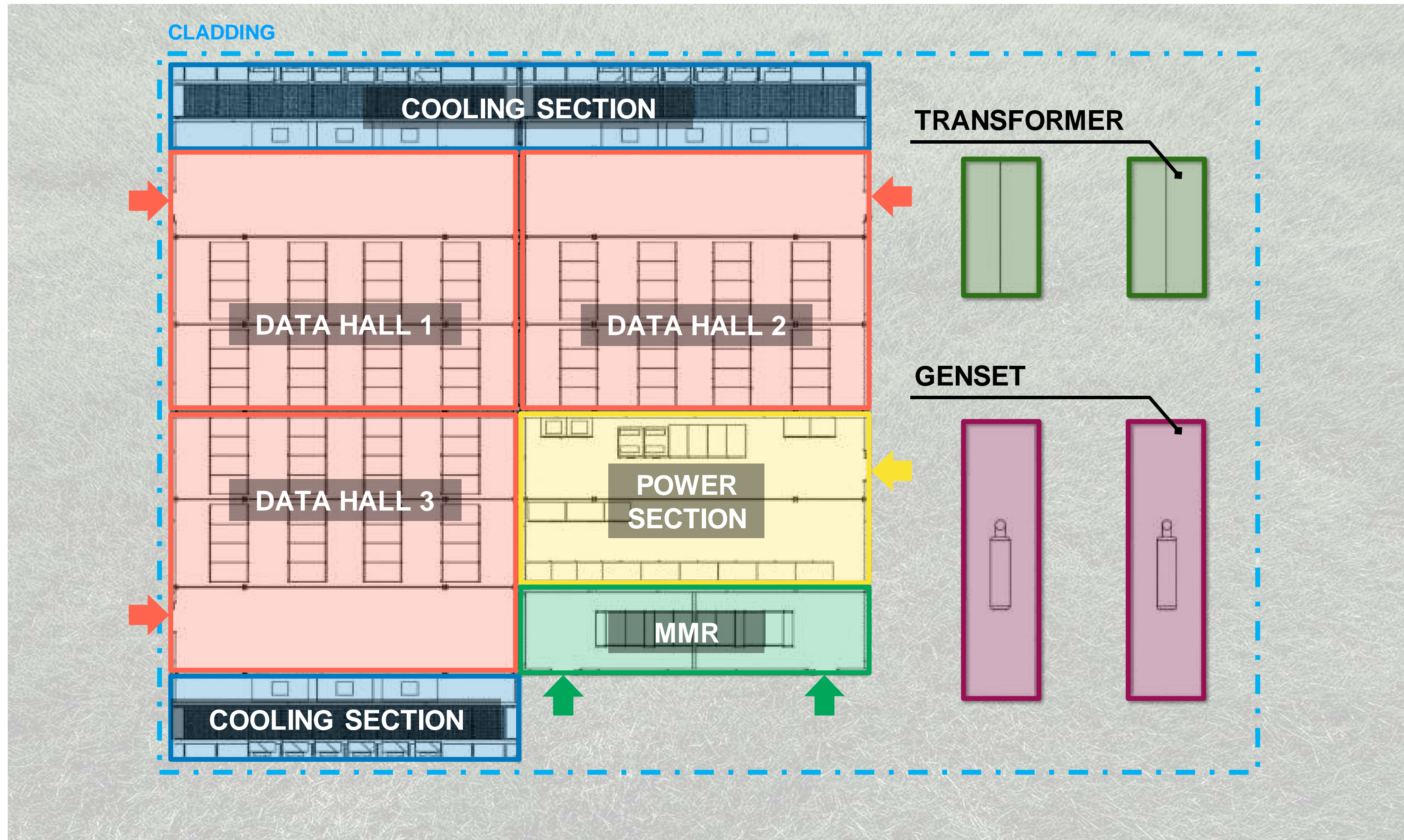
EdgeDC+ Drivers

Parameters Summary: CapEx + OpEx

- Purpose – cloud, colocation, hosting DC services, network infrastructure services
- Capacity – Grow as you need (100kW to 500kW).
- Availability – MultiTier Redundancy – 2N in power supply
- Power density averaging 4-6kW per rack (1kW to 10kW per rack)
- Smart space utilisation, and caging.
- Vendor-neutral approach using best of breed EU certified products
- Low PUE @ 1.25 – 90% capacity & above (EU located)
- Unique flexibility to respond to a wide range of client's requirements (scale up and down), re-deployment capability
- Altrix an advanced management and control system at DC level to allow unmanned operation and virtual operator features



Layout



EdgeDC+ 300

ICT Load:
300 kW

Racks:
Up to 72

Power:
2N

Cooling:
N+1



| Data Hall

Whitespace area:

69 m² / 4 rows

Rack capacity:

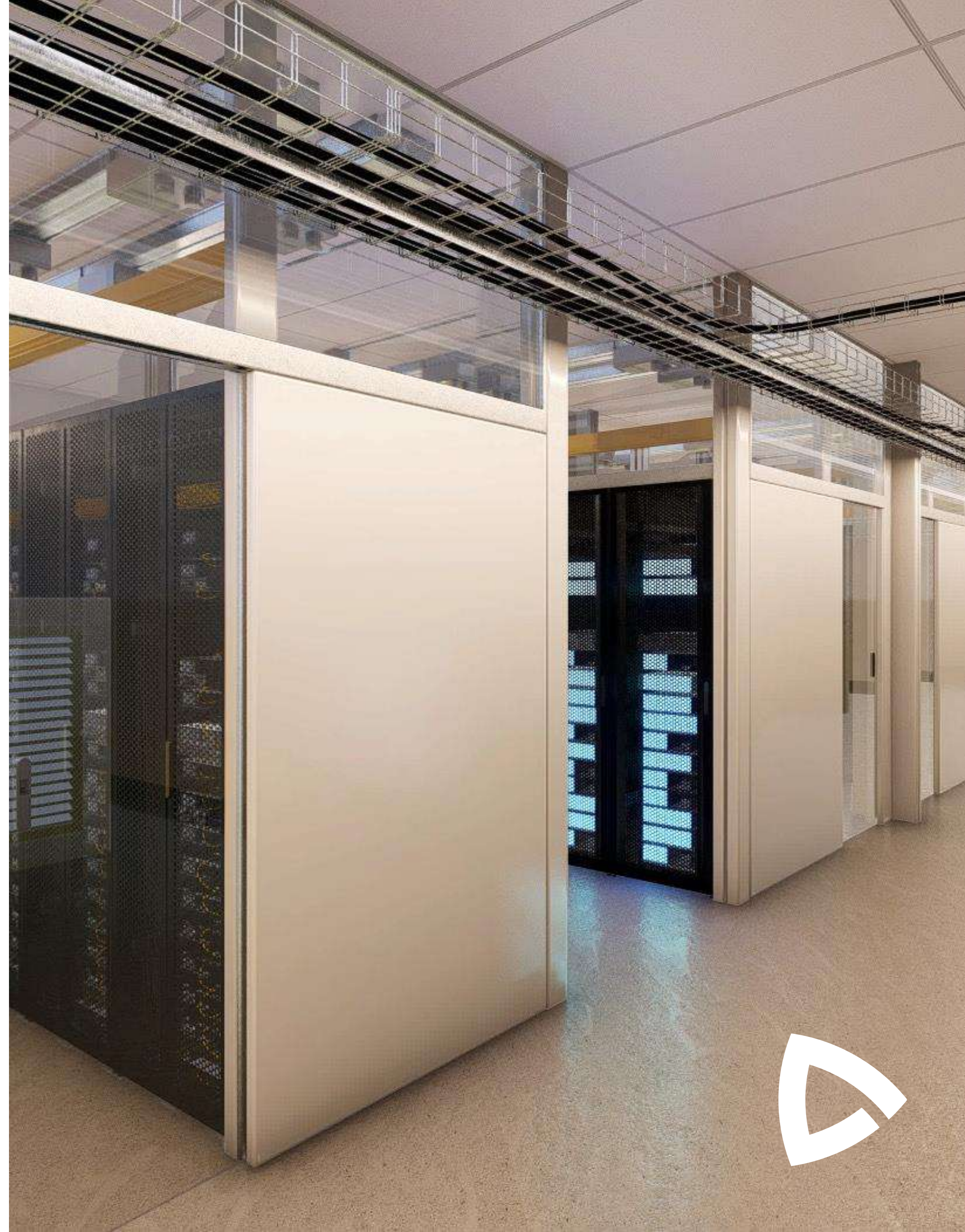
18x 24x

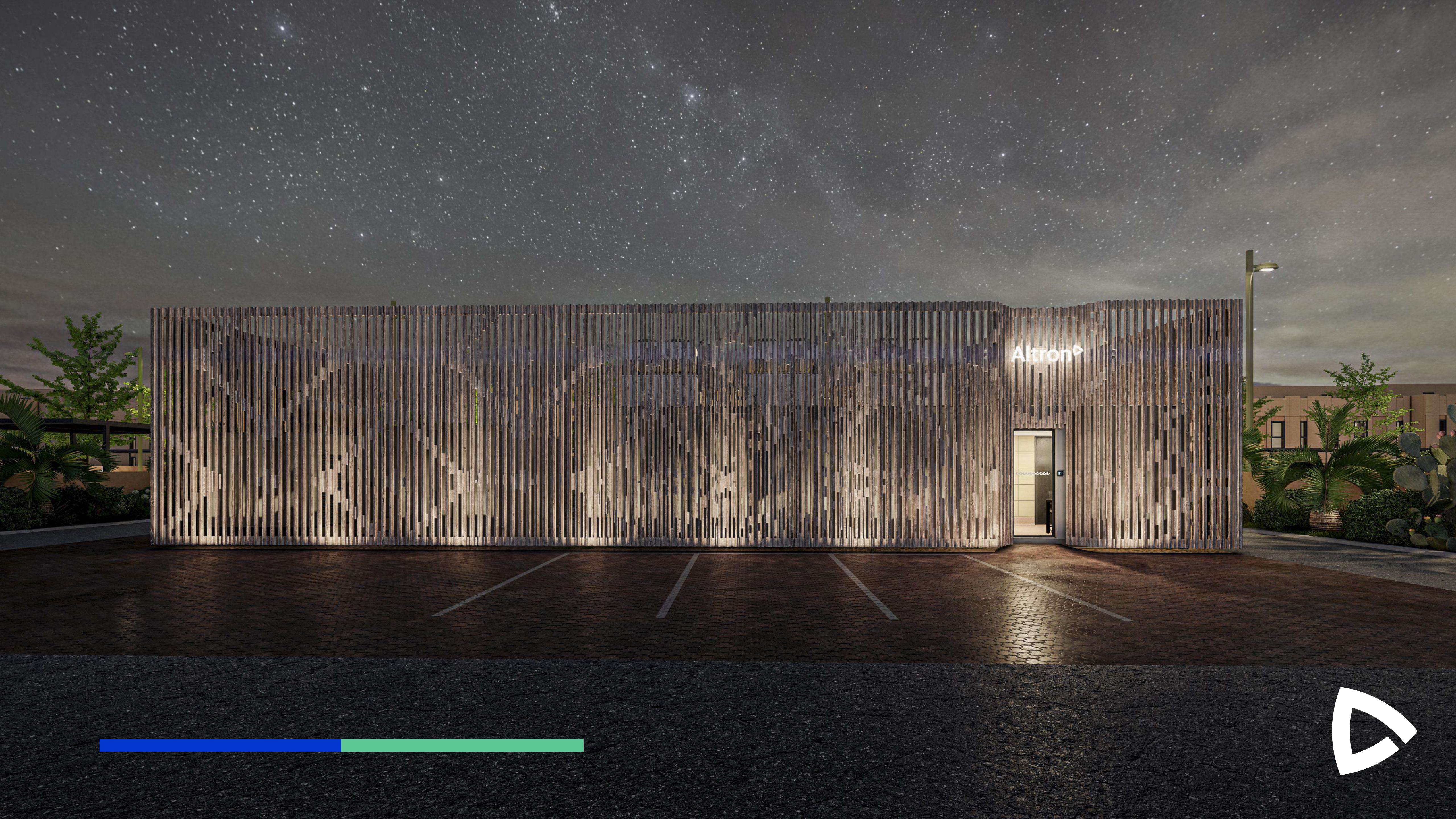
800mm 600mm

- 2 independent busbars per each row
- Flexible caging system

Optional delivery:

- Hot aisle containment
- Racks and PDUs





Scalability

	EdgeDC+ 100	EdgeDC+ 200	EdgeDC+ 300
ICT load capacity	100 kW	200 kW	300 kW
Rack capacity	18 – 24	36 – 48	54 – 72
Power density/rack	4 – 6 kW	4 – 6 kW	4 – 6 kW
Power supply redundancy	2N	2N	2N
Cooling redundancy	N+1	N+1	N+1
Cooling Methods	DX	DX	DX



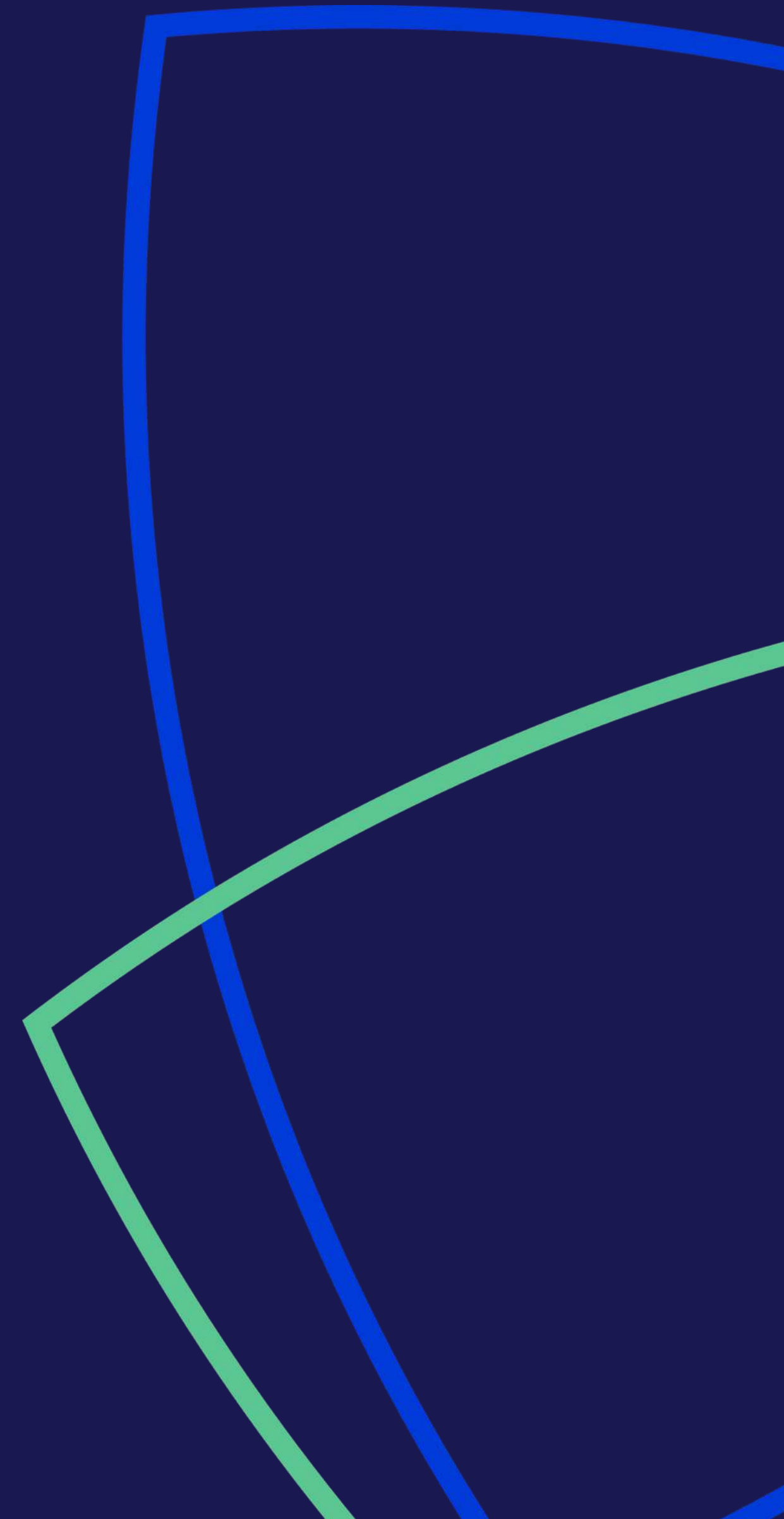
Advanced Converged Operation

Simplifying operations and management through smart technologies. One way to achieve operational cost savings and increased efficiency is through converged operations. The principle of convergence is to move from the management of individual systems and subsystems to the management of a single integrated unit that enables assisted or autonomous operation.

- Altrix Premium
- Altrix Monitoring
- Altrix Platform



Features



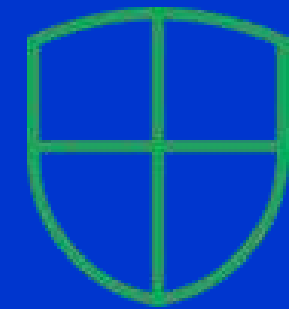


Benefits



Fast

Accelerated returns due to prefabrication method.



Reliable

Complex integration activities completed at the factory level.



Green

Sustainable product delivering instant IT capacities.

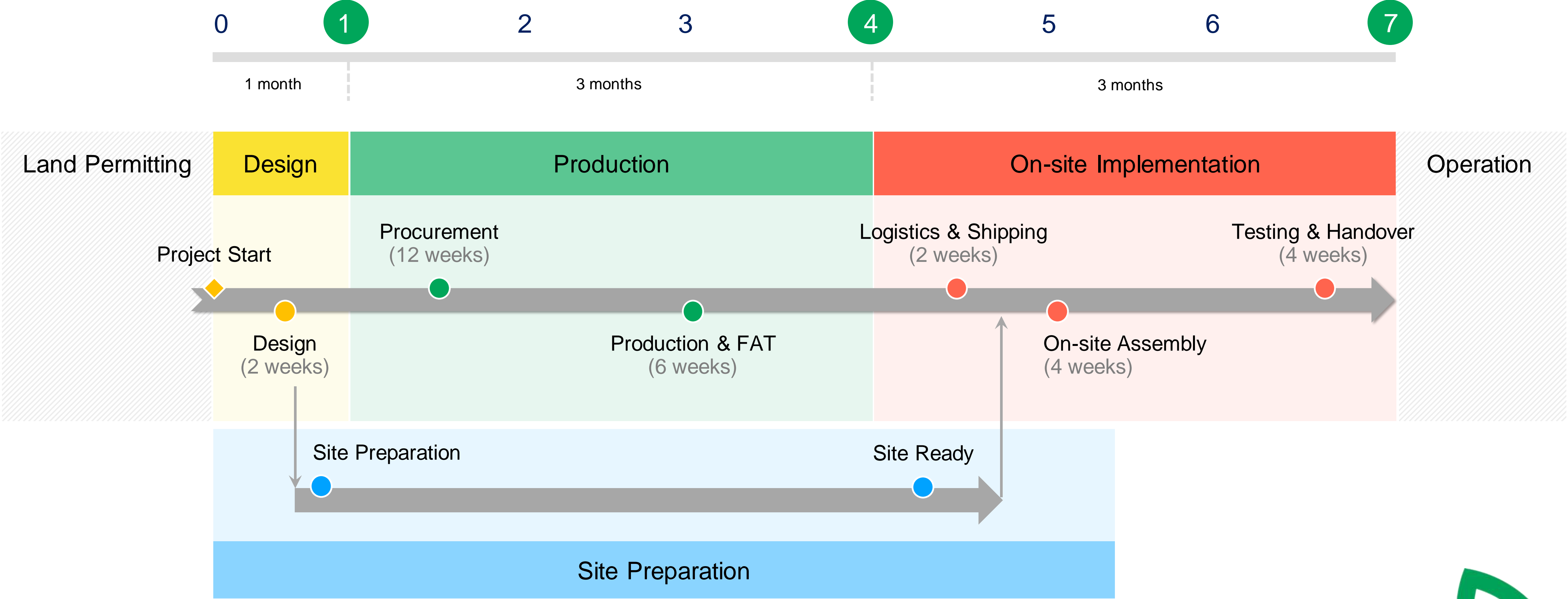


Secure

Physical and logical separation increases investment protection



Project Timeline



*Timeline demonstrates a scenario applicable in Central Europe region



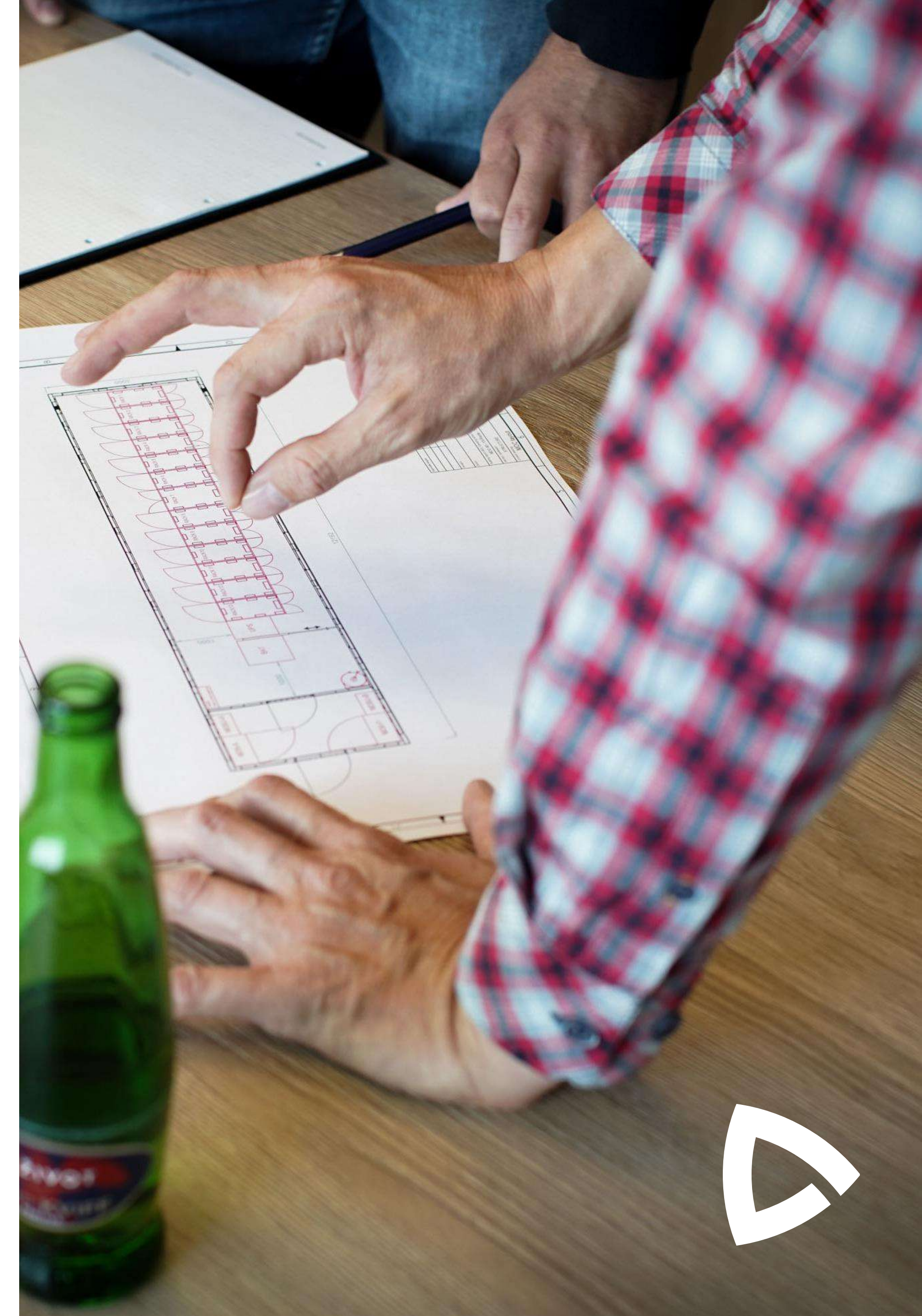
| Sustainability

is at the core of Altron Modular DNA.

Our goal is to provide our customers with eco-friendly, efficient, and cost-effective data center solutions. Additionally, our research and development team is constantly innovating to develop new technologies that will help future-proof your data center while minimizing your environmental impact.

Our approach

- **Green Power Sources** - ready for connection of all renewable power sources.
- **Waste Heat Reuse** - recuperation of heat produced by data center can be used, not wasted.
- **Converge Operation** - real-time optimization of data center operation.



| Engineering Services

Plan, design, build, support, and manage a modular data centre that meets your challenges.

Listening to our clients, understanding their specific needs, and matching these needs with our best practices and the applicable international standards.

Benefits

- Local support services availability, delivered by global support team
- Our services support only Altron Modular products.
- Expertise at large, with 30 years of experience in the industry.



| Project Delivery

Client

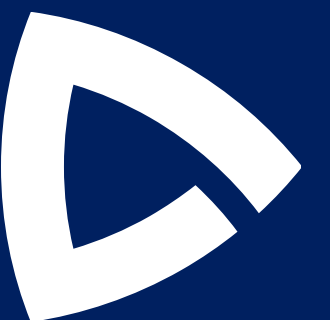
- Land acquisition
- Funding
- Assign internal Resources
- Utility and Connectivity

Contractor

- Contractual liability
- Local site works
- Design localization
- Grey Space

Vendor

- Project technical liability
- Design & Standards
- Production
- White Space





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