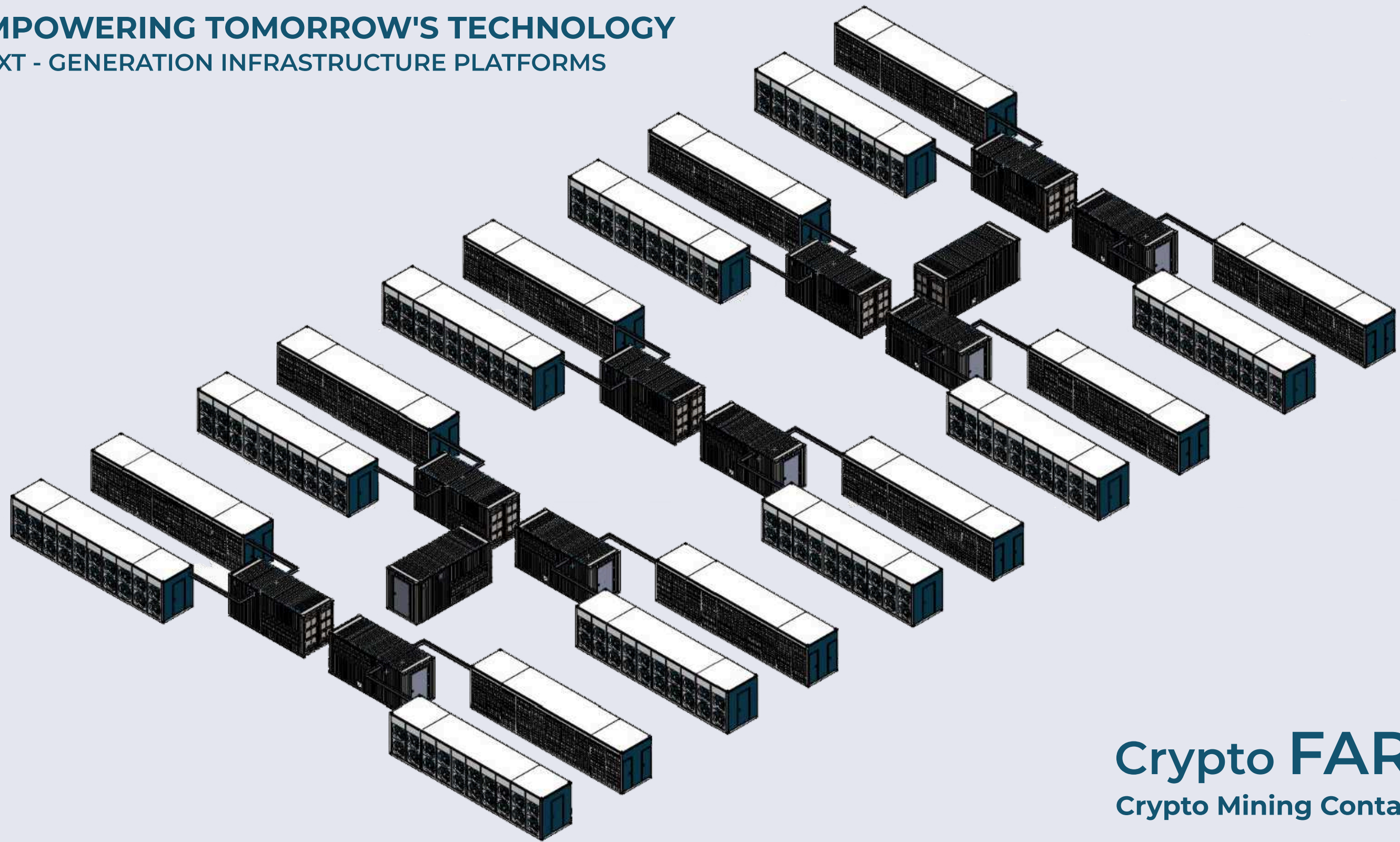


EMPOWERING TOMORROW'S TECHNOLOGY
NEXT - GENERATION INFRASTRUCTURE PLATFORMS



Crypto FARM
Crypto Mining Containers

CRYPTO FARM – 20 MW

Crypto FARM

Every Smart BOX solution is fully customized per project, ensuring tailored performance, efficiency, and seamless integration for each client's specific needs.

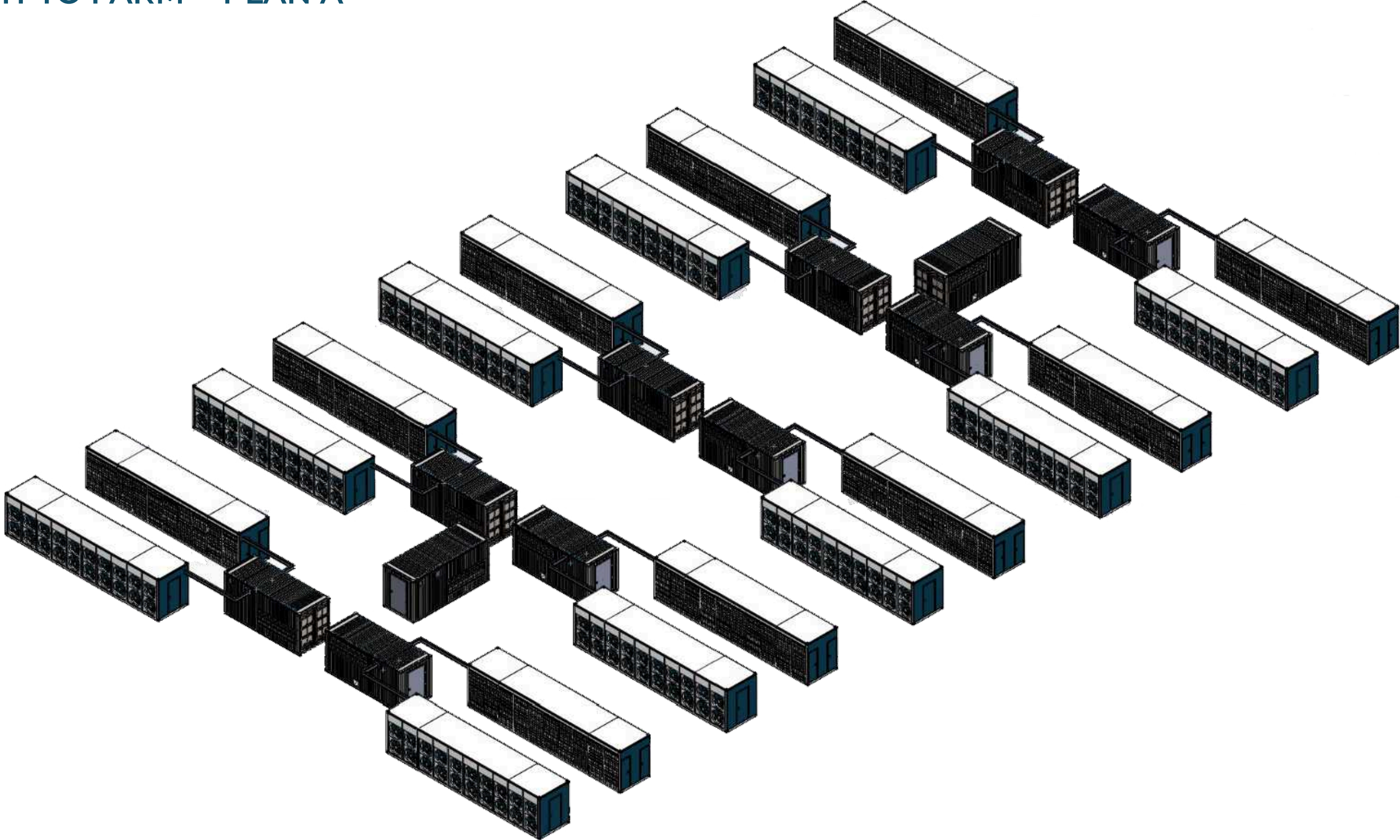
Crypto FARM – High-Performance Mining Infrastructure

Crypto FARM is a powerful and scalable mining solution designed for large-scale operations. A modular and energy-efficient design enables seamless expansion from 1 MW to 20+ MW farms and more.

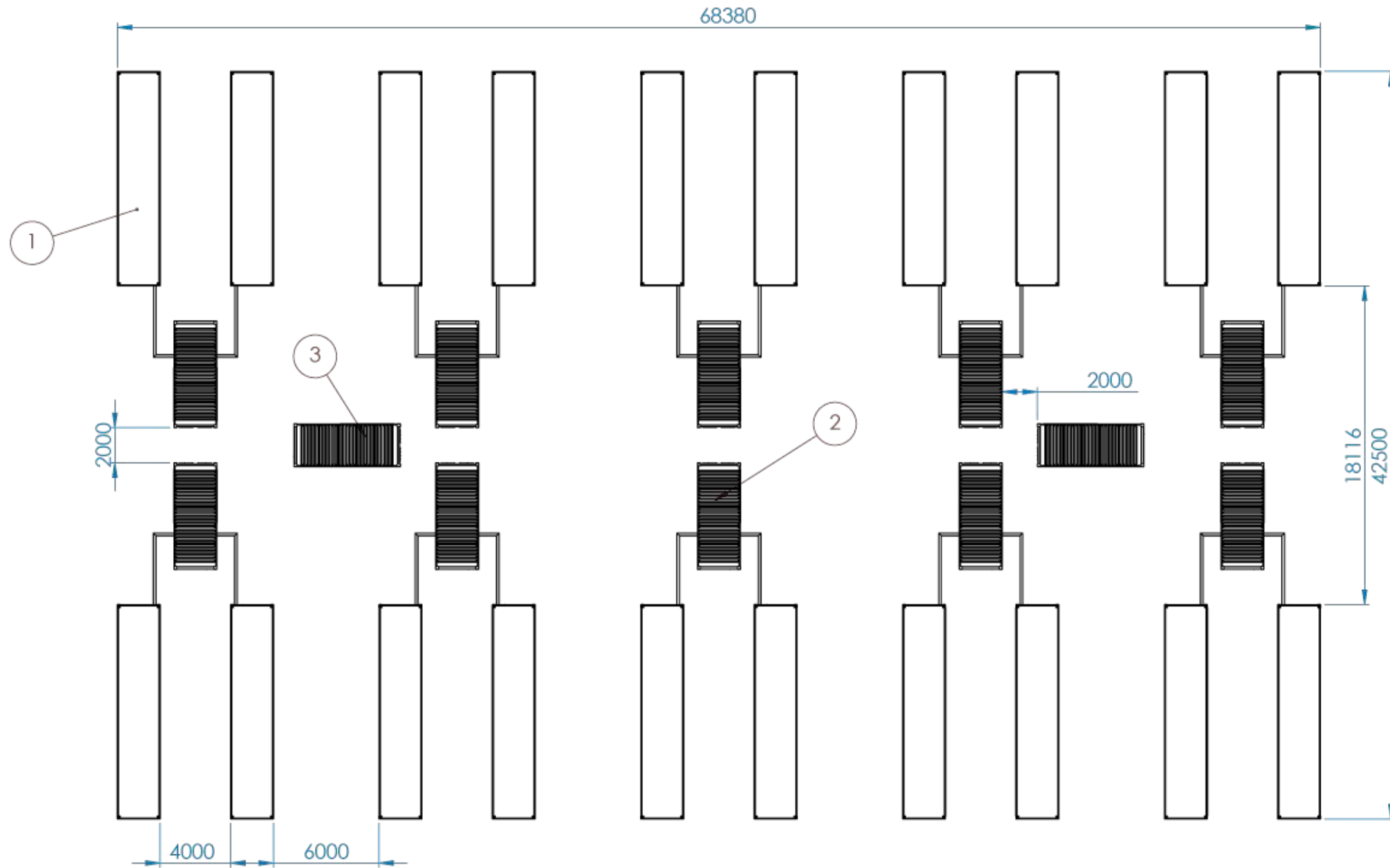
Engineered for optimal performance and security, it offers a turnkey solution for hosting, self-mining, or enterprise mining operations.

Its smart infrastructure ensures fast deployment, cost efficiency, and long-term reliability. Whether for private investors or large mining operations, **Crypto FARM** delivers efficiency, security, and high profitability in a fully optimized environment.

CRYPTO FARM - PLAN A



CRYPTO FARM - PLAN B



CRYPTO MEDIUM – 1 MW

Crypto MEDIUM – Modular & Scalable Mining Infrastructure

Crypto MEDIUM is a versatile and efficient mining solution designed for seamless scalability. Built for quick deployment and high-performance operations, it offers a secure, energy-efficient, and transport-ready infrastructure for cryptocurrency mining. Its modular design allows operators to expand from small-scale setups to large mining farms effortlessly.

With smart security features and optimized cooling, Crypto MEDIUM provides a cost-effective, reliable, and future-proof solution for modern mining operations. Whether for private or industrial-scale mining, it ensures maximum efficiency with minimal setup time.

Crypto MEDIUM

Every Smart BOX solution is fully customized per project, ensuring tailored performance, efficiency, and seamless integration for each client's specific needs

TECHNICAL INFO

Power Input

- Input voltage: **415Y240**
- Configured for Busway trunking system
- **2000A, (3L + N + PE), 6 Tap-off boxes with switch-disconnectors or breakers**
- Primary-to-neutral configuration: **220-240 Volts**

Cooling System

Industrial-grade cooling ensures optimal miner performance:

- **18 axial fans:** Equipped with EC motors, each providing **16,500 m³/h (9,712 CFM)** airflow @120Pa static pressure
- **Gravity louvers:** Standard, with optional smart louvers for enhanced control
- **Northern edition:**
 - Air re-circulation
 - Motorized louvers on air intake and outlet sides
 - Additional humidity sensors

Smart Power Distribution Unit (SPDU)

Every Crypto MEDIUM container comes equipped with advanced SPDUs for maximum efficiency and control:

- **6 Smart BOX Systems PDU:** 54 x C19 outlets for miners, 6 x C19 additional for network switches etc.
 - 54 x 20A MCCB per PDU
 - High precision 54 metering devices per PDU
- Optional configurations using third parties Smart PDU with basic metering:
 - **12 SPDU:** 27 x C19 outlets, 20A
 - **18 SPDU:** 18 x C19 outlets, 20A
- **Features:**
 - Individual port switching and monitoring
 - UL or IEC-certified breakers

Mining Capacity

- Shelving dimensions: **11,900 mm wide and 2,400 mm tall**
- Supports up to **324 x S21** miners or customizable for **4U GPUs**

Air Intake System

Optimized airflow for enhanced cooling and reliability:

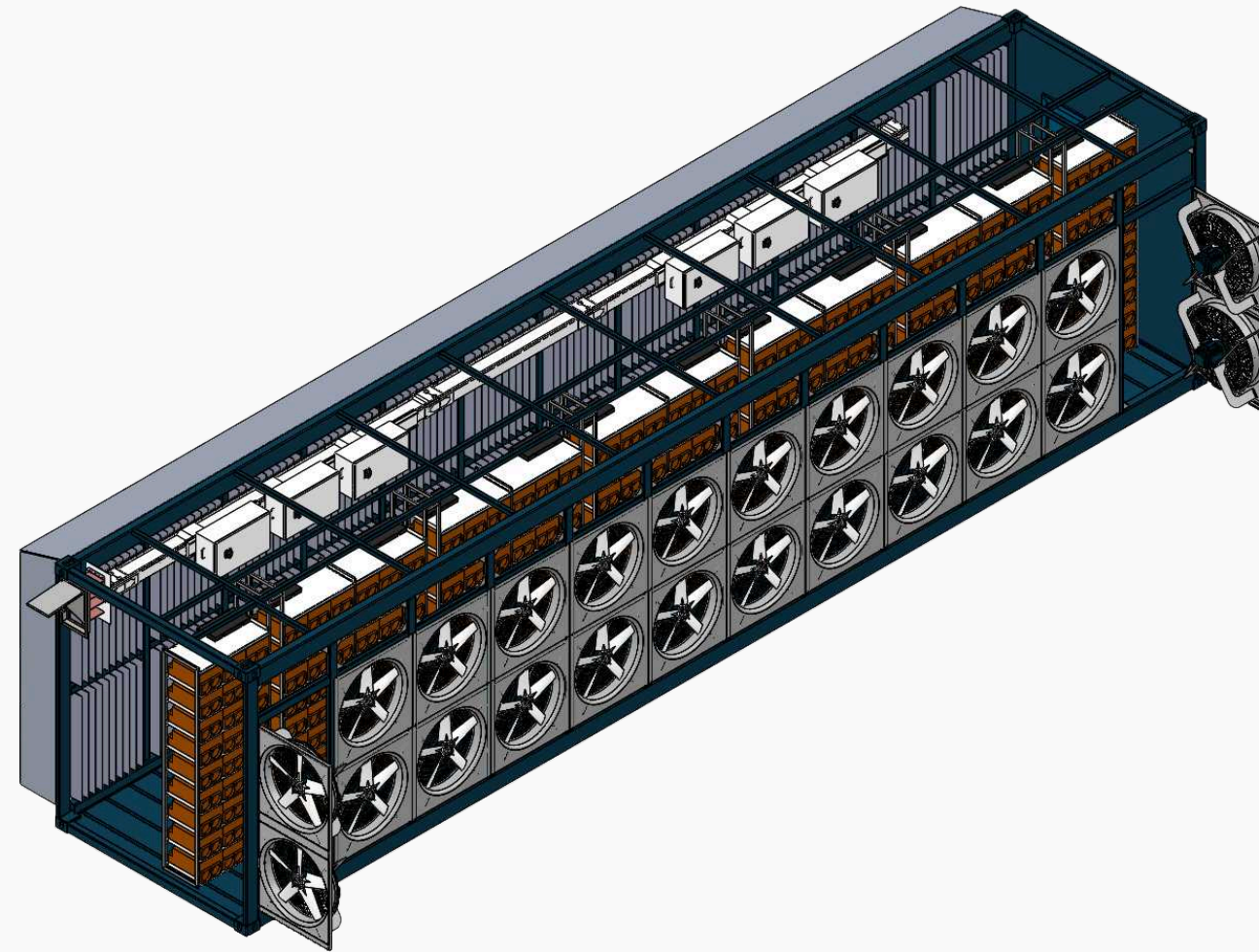
- **Special louver design:** Improves laminar flow
- **3 x filtering area** compared to standard louvers
- Individually designed pocket filters for superior air quality

Enhanced Security

- **Standard:** Mechanical door lock with panic bar
- **Optional:** Smart door lock integrated with smartphone apps
- **Security features:**
 - **IR smart cameras** (internal and external)
 - **Alarm system and fire alarm integration**

ENCLOSURE

- Welded steel frame for structural integrity
- **CSC certification** for multimodal shipping compliance
- Weight: **7 tons**
- Dimensions:
 - Length: **12,192 mm**
 - Width: **2,438 mm**
 - Height: **2,896 mm**



PLAN



1. CSC certified & insulated enclosure
2. Cold aisle
3. Hot aisle
4. Pocket filters enclosure
5. Shelving system
6. Axial fans
7. Busway trunking system
8. Busway feed unit
9. Tap-off box
10. Smart Power Distribution, cooling control
11. Network switch

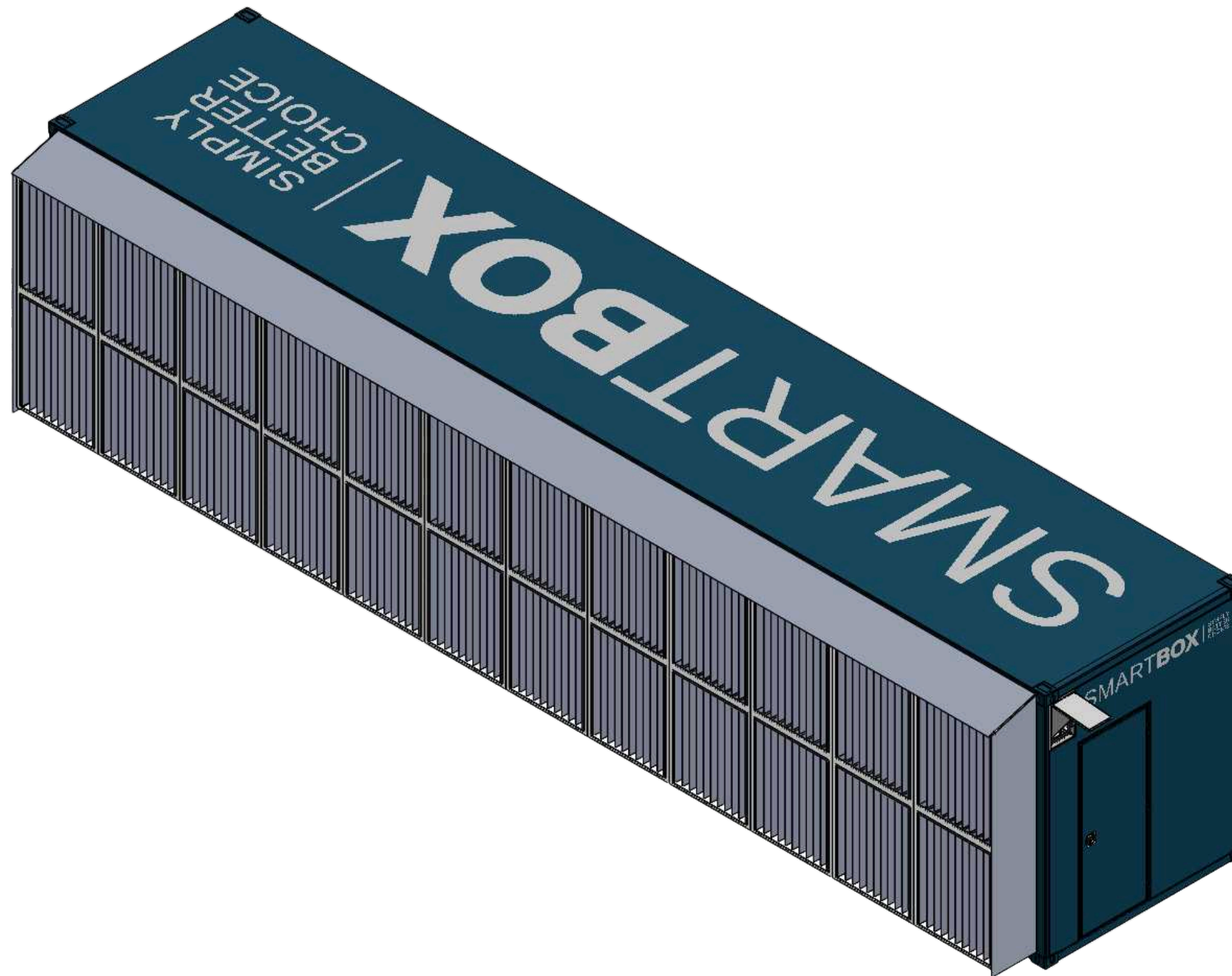
VIEW - A



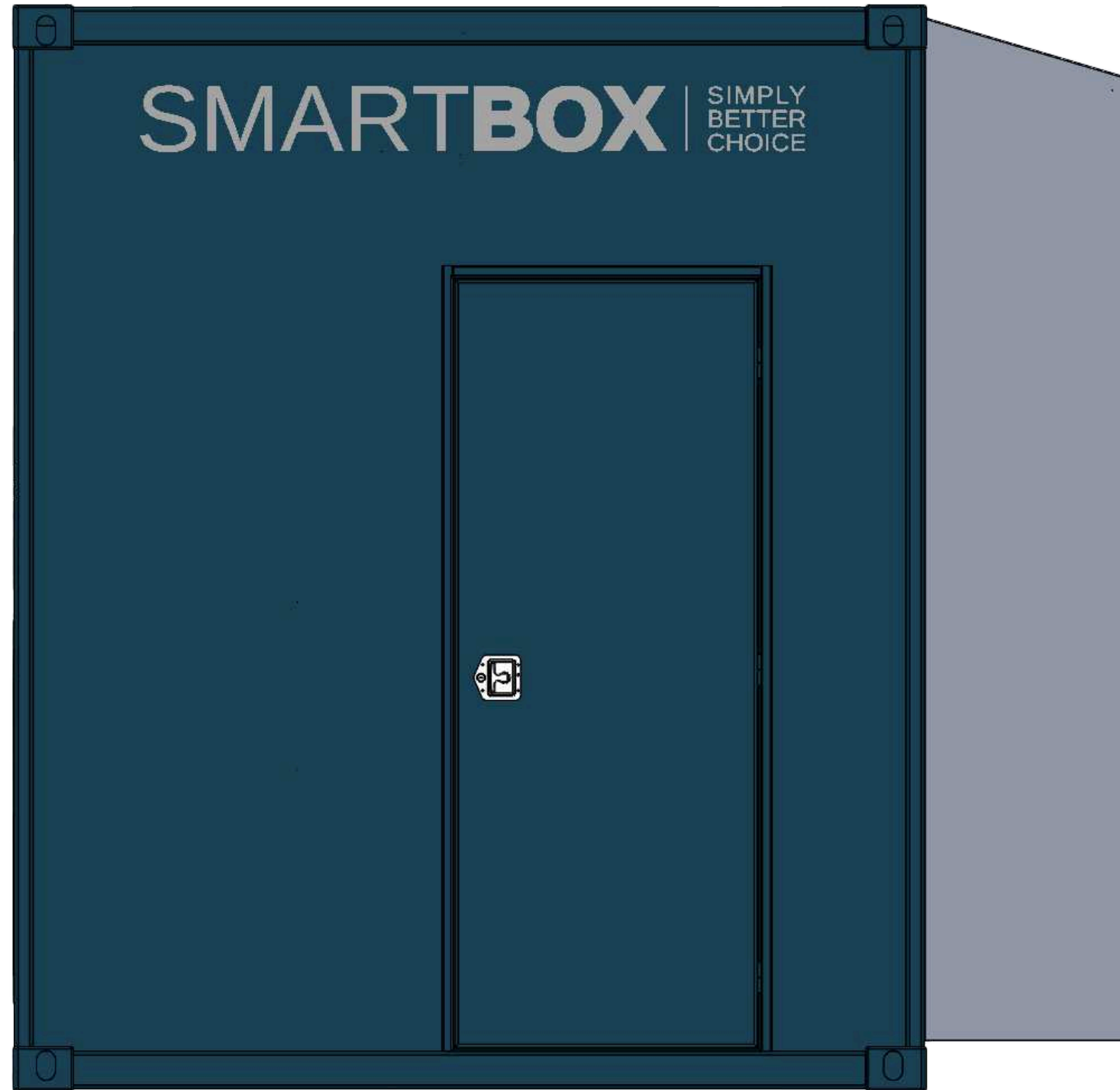
VIEW – B



VIEW – C



VIEW - D



TECHNICAL DESIGN

Our containers are meticulously designed in collaboration with industry-leading engineers, universities, and component specialists to ensure the highest product quality.

Tailored Metal Construction:

Built specifically for AI and crypto mining, our containers match 20 and 40-foot shipping container dimensions for seamless global transport.

Transport-Friendly Design:

For European clients: Containers are Gen delivered via road transport. For international clients: Containers are shipped to the nearest port with CSC certification, ensuring compliance with maritime transport standards.

Custom Design Options:

We can design and build containers with specialized features to meet your exact requirements.

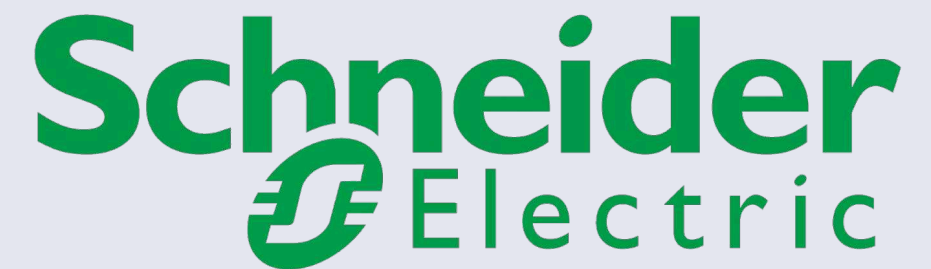
COMPONENTS

Smart BOX Systems uses only **premium-grade materials** and components in the manufacturing process to ensure durability and cost-effectiveness.

Electrical Components: Featuring Schneider Electric, renowned for reliability and performance.

Optimized Racking Systems: Durable and cost-effective materials for racks and electrical distribution systems.

Comprehensive Testing: Electrical installations adhere to the strictest quality control processes and industry best practices.



SMART FEATURES AND AUTOMATION

SMARTBOX | SIMPLY
BETTER
CHOICE

The **Crypto MEDIUM** is equipped with a state-of-the-art Smart Power Distribution Units (SPDU) and user-friendly interface:

- Enhanced seamless control and monitoring of power distribution and quality:
 - Voltage
 - Power factor
 - Active energy
 - Current
 - Active power

Climate Monitoring

- Multiple point temperature and humidity monitoring system, integrated with motorized louvers automation.

Smart Security Systems

- Smart door locks with smartphone app integration:
 - Notifications for unlocked or locked states.
- Comprehensive alarm system and video surveillance.

CERTIFICATIONS

We ensure that all products meet international standards and client-specific regulatory requirements.

CE and CSC Certifications: All AI and crypto mining containers are certified for **safety, quality, and maritime transport compliance.**

ISO Standards Compliance: The manufacturing of our metal structures follows **ISO quality requirements.**

Region-Specific Adaptations: Upon request, we provide product certifications tailored to specific regions, ensuring compliance with local regulations.



MAINTENANCE & SERVICE

SMARTBOX | SIMPLY
BETTER
CHOICE

Smart Box Systems offers comprehensive maintenance and technical support for all FARM units, ensuring maximum uptime and long-term reliability. Each deployment includes remote monitoring capabilities, allowing proactive diagnostics and real-time system oversight.

Our team provides scheduled service, emergency repairs, and on-site inspections as part of a tailored maintenance plan. Backed by our engineering expertise and trusted components, we ensure that your Smart Box infrastructure remains optimized, secure, and operational 24/7—whether you operate a single unit or a 20 MW modular farm.

SMART TRANSFORMER

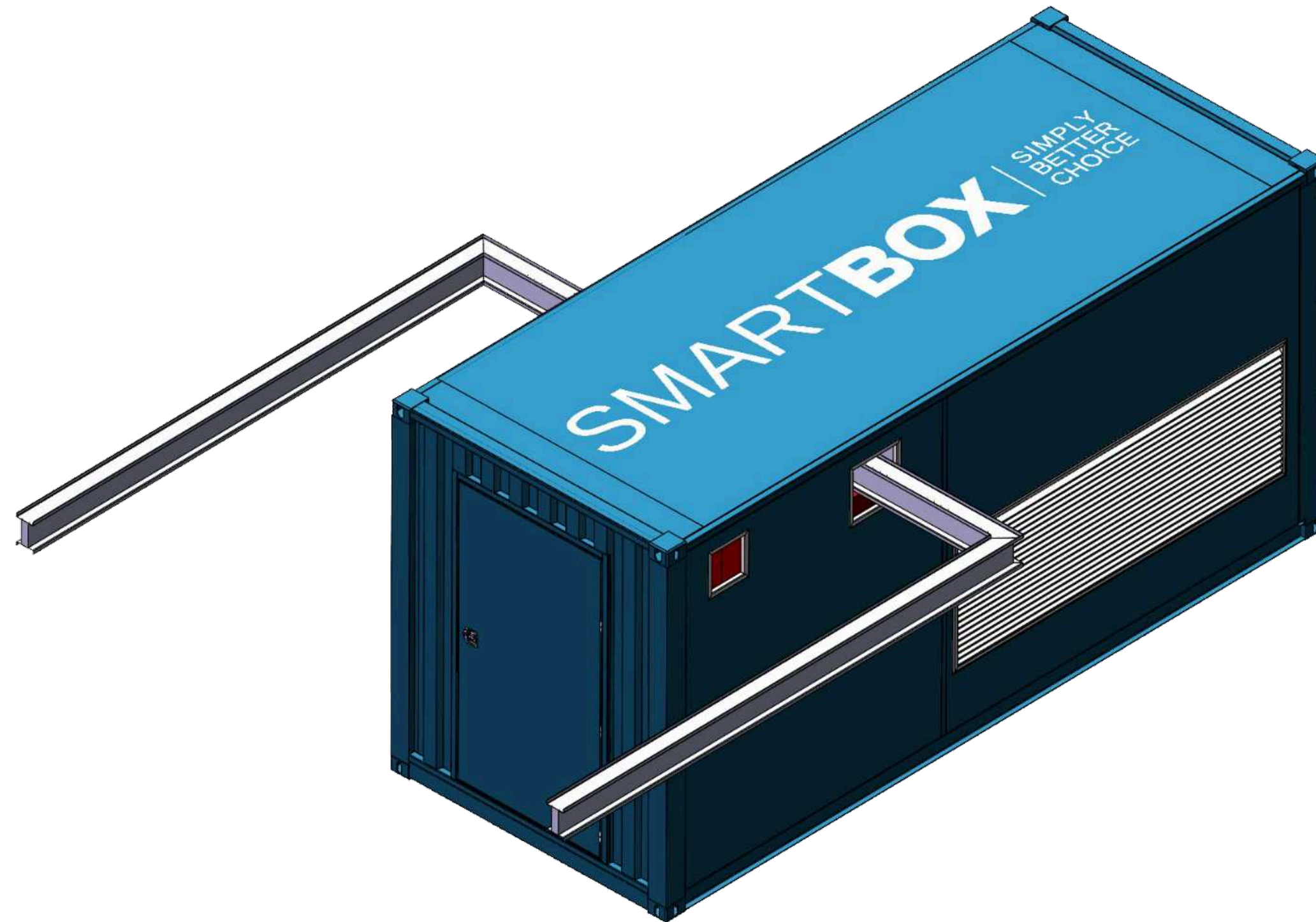
Smart BOX Systems provides **integrated power solutions**, including **custom transformer systems** for cryptocurrency mining and HPC applications:

- Tailored power management for on-site energy distribution.
- Scalable and modular units for fluctuating energy loads.
- Certified electrical components (Schneider Electric) for safe and stable operation.

Our transformer systems enable seamless **power conversion and distribution**, ensuring stable operations even in energy-intensive environments.

SMARTBOX | SIMPLY
BETTER
CHOICE

SMART TRANSFORMER >> PLAN



SMARTBOX | SIMPLY
BETTER
CHOICE

Discover how Smart BOX Systems can elevate your operations with premium, custom-built containers for AI computing and cryptocurrency mining.

Let's work together.

Smart BOX Systems

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