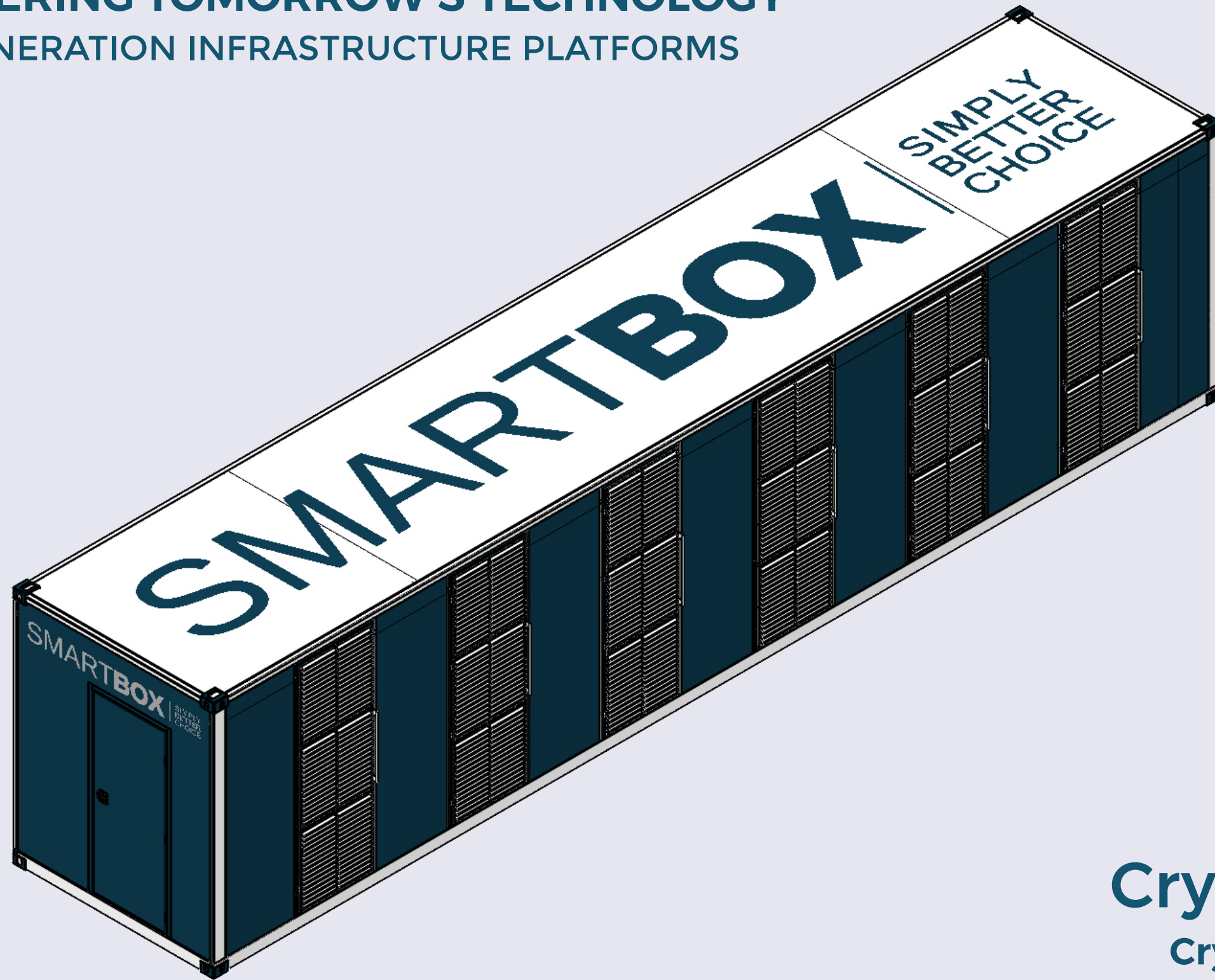


EMPOWERING TOMORROW'S TECHNOLOGY
NEXT - GENERATION INFRASTRUCTURE PLATFORMS



Crypto LARGE
Crypto Mining Container

SMARTBOX | SIMPLY
BETTER
CHOICE

www.smartsystems.ee

CRYPTO LARGE – 2 MW

Designed for high-capacity and space limited cryptocurrency mining operations, the **Crypto LARGE** container offers superior performance, scalability, and durability.

Our **cryptocurrency mining containers** are engineered to accommodate diverse operational scales, offering flexibility and efficiency.

Customizable Power Capacities: Designed for varying energy demands, from small-scale mining operations to enterprise-level facilities.

Energy-Efficient Cooling Systems: Integrated cooling technologies ensure stable performance, even in extreme climates.

Plug-and-Play Design: Quickly deployable solutions that minimize setup time and maximize operational uptime.

TECHNICAL INFO

Power Input

- Input voltage: **415Y240**
- Configured for Busway trunking system 3200A, (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 **26,775 m³/h (15,760 CFM)** airflow @120Pa static pressure
- **Gravity louvers:** Standard, with optional smart louvers for enhanced control

Smart Power Distribution Unit (SPDU)

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

- **24 SPDU:** 24 x C19 outlets, 20A
- Optional configurations:
 - SPDU designed to specific customer requirements: # of units incl network switches, layout/positioning inside data center
- **Features:**
 - Individual port switching and monitor
 - UL or IEC-certified breakers

Mining Capacity

- Shelving dimensions: **11,000 mm wide and 2,700 mm tall**
- Supports up to **576 S19 miners** or customizable for **4U GPUs**

Air Intake System

Optimized airflow for enhanced cooling and reliability:

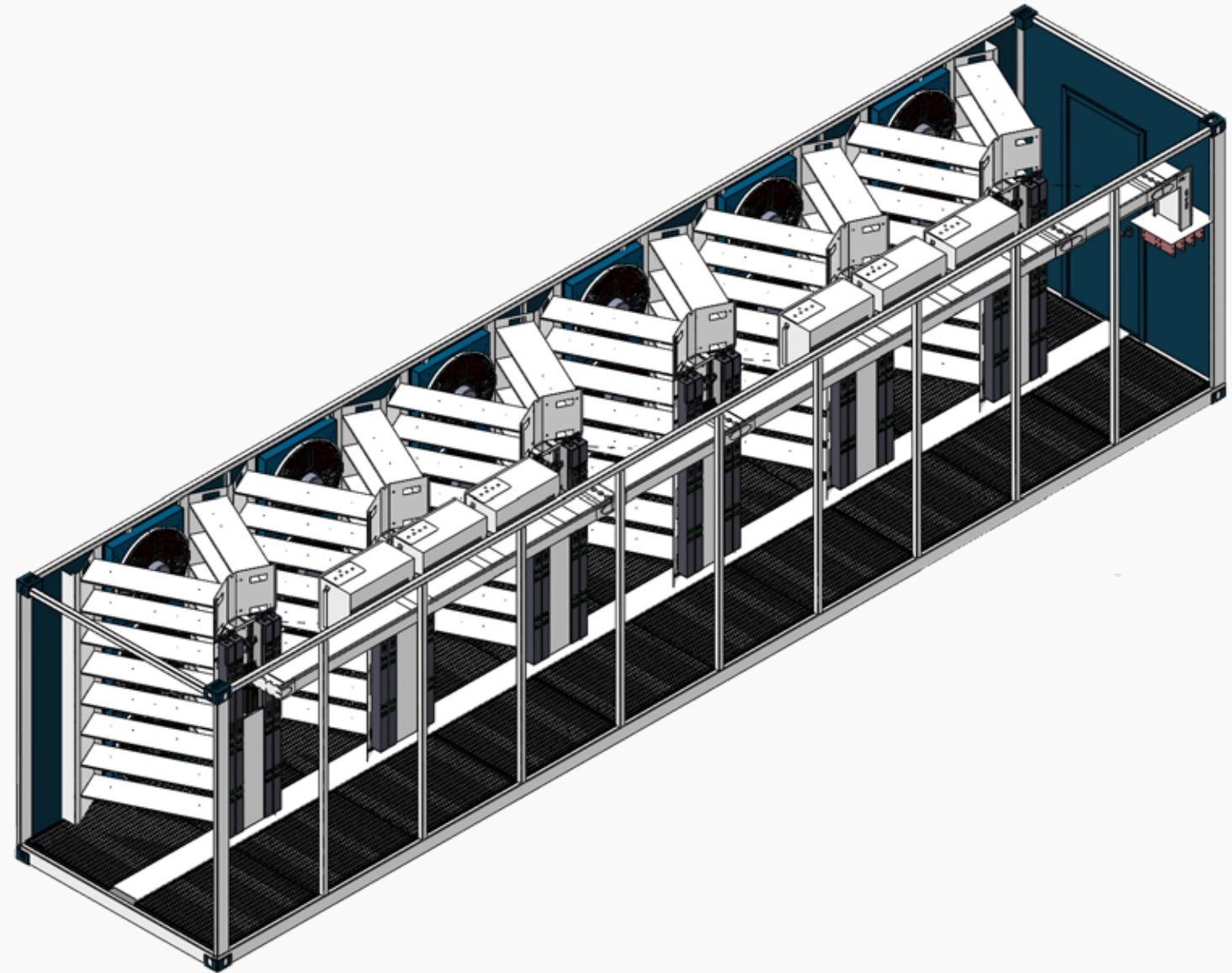
- **Special louver design:** Improves laminar flow
- **2x filtering area** compared to standard louvers
- Individually designed pleated filters for superior air quality

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 shipping compliance
- **Weight: 7 tons**
- **Dimensions:**
 - Length: **12,192 mm**
 - Width: **2,438 mm**
 - Height: **2,896 mm**



WHY CHOOSE CRYPTOCURRENCY MINING CONTAINERS?

Efficient, Portable, and Flexible

Mining containers allow operations to relocate to regions with the most cost-effective electricity, ensuring profitability.

Unlike traditional warehouses, containers are:

- **Portable** : Easily transported via truck to new locations.
- **Scalable** : Add or remove units based on operational needs.
- **Faster to Deploy** : Avoid lengthy permitting and bureaucratic processes.

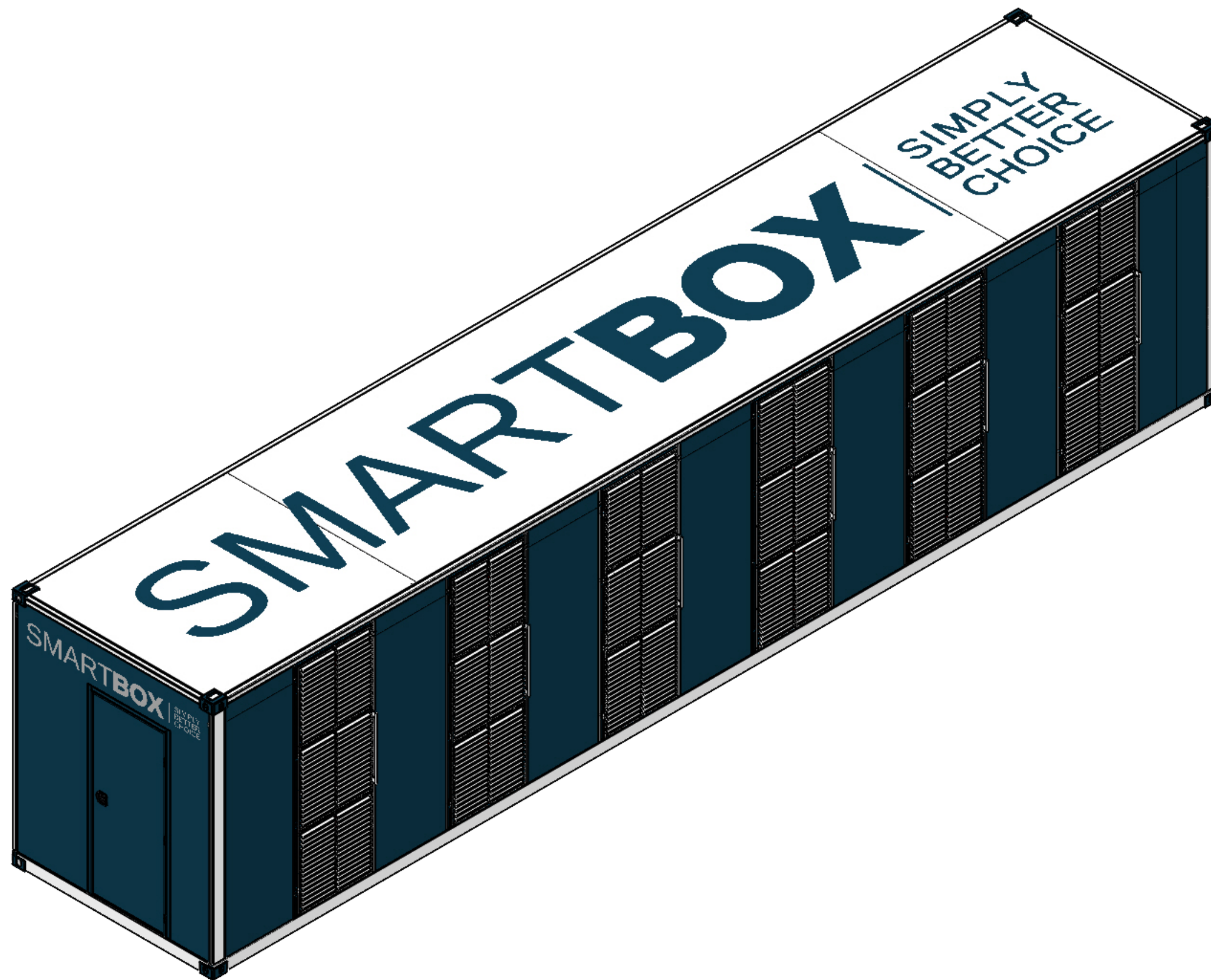
Ideal for:

ASIC/GPU hosting providers

Electricity suppliers looking to monetize unused power

Investors entering the cryptocurrency mining market

VIEW - A



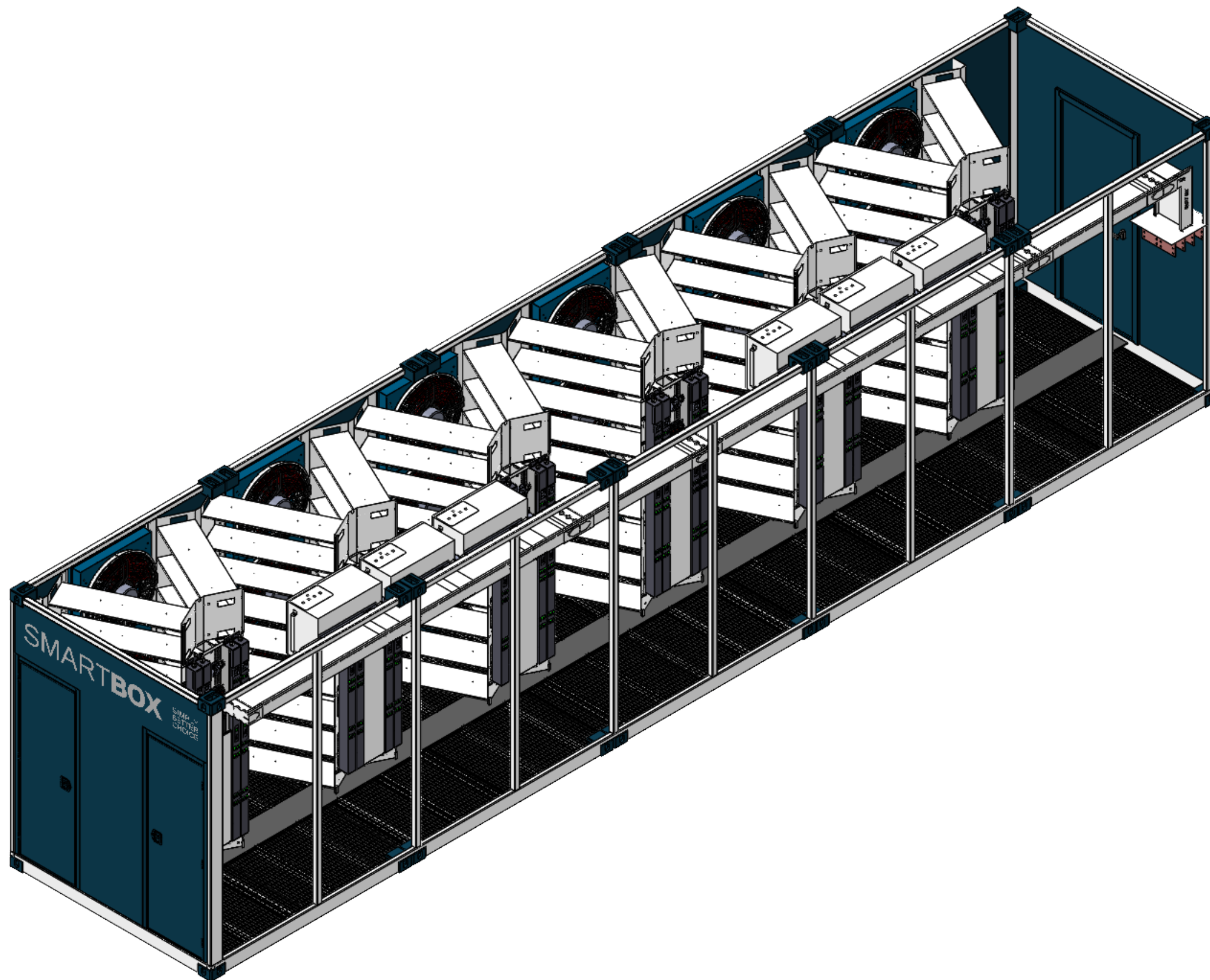
VIEW - B



VIEW - C

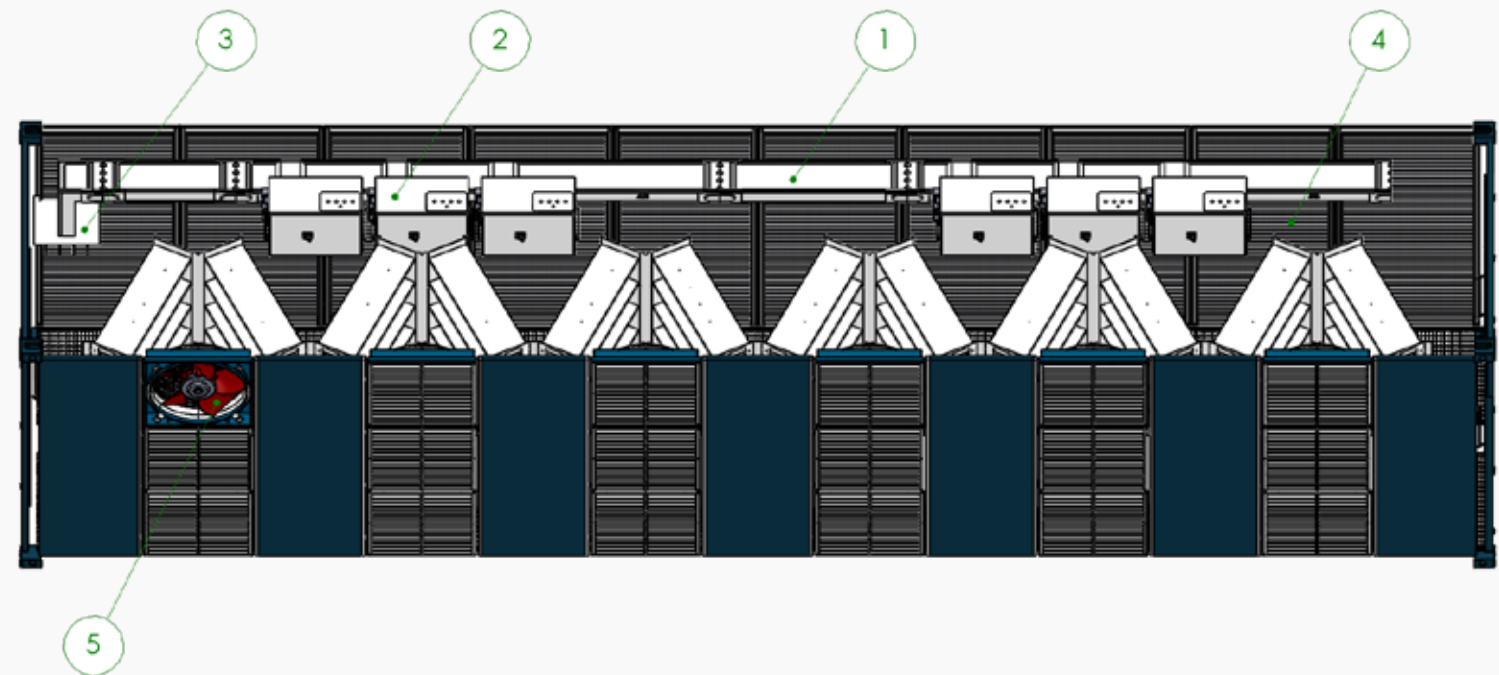


VIEW - D



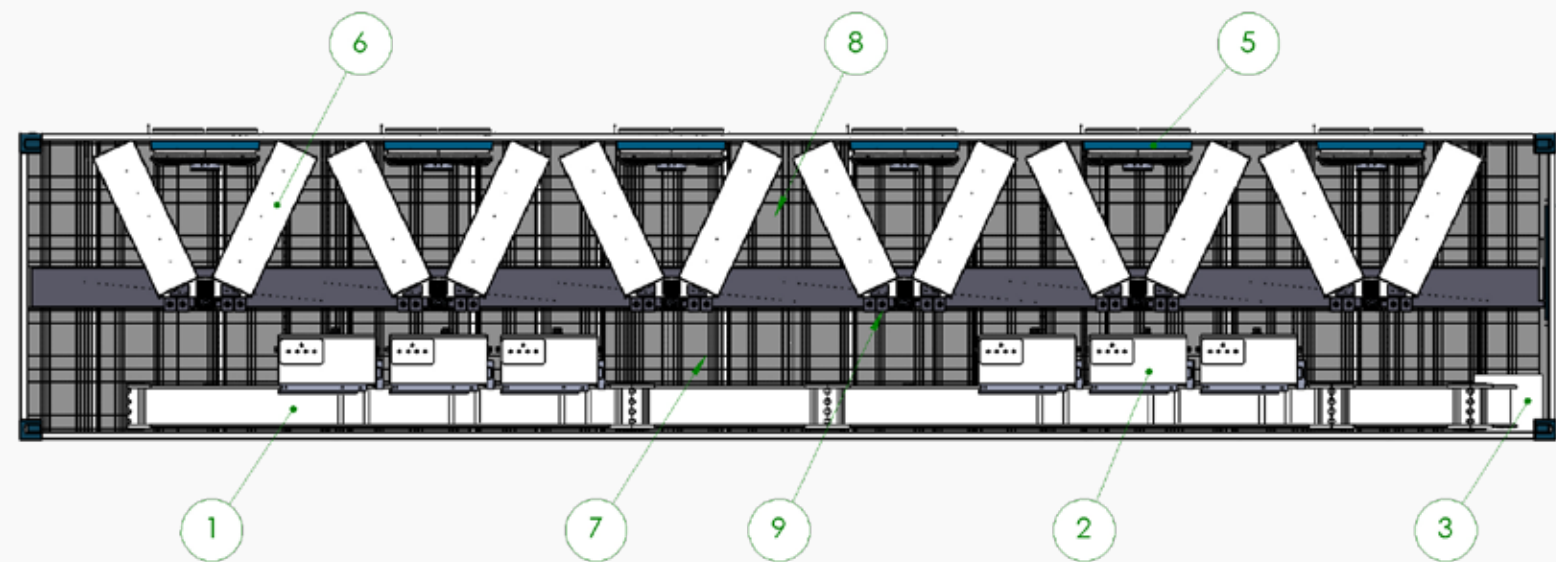
PLAN - A

1. Busway trunking system, Al, 3200A, 3L + N + PE
2. Tap-off box
3. Feed unit
4. Pleated filters
5. Axial fan



PLAN - B

1. Busway trunking system, Al, 3200A, 3L + N + PE
2. Tap-off box
3. Feed unit
5. Axial fan
6. Equipment racks/ Shelving Systems
7. Cold aisle
8. Hot aisle
9. SPD (Smart Power Distribution Unit)



SMART FEATURES AND AUTOMATION

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

- Seamless control and monitoring of power distribution.
- Customizable configurations for miners.

Climate Monitoring

- **6-point temperature and humidity monitoring system**, integrated with the monitoring panel.

Smart Security Systems

- **Smart door locks** with smartphone app integration:
 - Notifications for unlocked or locked states.
 - Enhanced peace of mind and security.
- Comprehensive **alarm system** and **video surveillance**.

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-foot and 40-foot shipping container dimensions for seamless global transport.

Transport-Friendly Design:

For European clients: Containers are oGen delivered via road transport.

For internaHonal clients: Containers are shipped to the nearest port with CSC cerHficaHon, ensuring compliance with mariHme 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 and ABB, 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.

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.

COOPERATION PARTNERS

Smart BOX Systems collaborates with:

Leading Engineers: Specialists in electrical and mechanical design ensure robust and reliable solutions.

Universities and Research Institutions: Partnerships with academic experts help drive innovation.

Premium Component Suppliers: Collaborations with top-5er brands like **Schneider Electric** and **ABB** guarantee the highest quality components for our containers.

WHY CHOOSE SMART BOX SYSTEMS?

Custom Solutions: Tailored to meet the unique needs of each client.

Top-Quality Engineering: Rigorous design and testing processes ensure product reliability.

Global Expertise: Extensive knowledge of international markets allows us to deliver solutions optimized for any region.

Customer-Centric Approach: From design to delivery, we work closely with you to ensure your requirements are met.

CONTACT US

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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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