AiPOD

THE WORLDS MOST POWERFUL
Ai SECURITY DEVICE

OVERVIEW

Our multi-sensor security device, the AiPOD, is built with both commercial and military applications in mind.

AiPOD provides a groundbreaking form of artificial perception that fuses LiDR, X-Ray, Computer vision, a suite of Sensors and Artificial Intelligence to deliver unprecedented advancements in perception and surveillance for the AiPOD.

Detecting, Recognizing and Identifying (DRI) potential threats and triggering further action and alerts real-time, before they happen, will help to protect operators from harm through advance warning and intelligence from our AiPOD.

3D Model Builder Output to Data Center

LiDR + Pointcloud

Library of Trained Images

AiPOD

Return Image Caption

Image Transmission

Facial Recognition

**Optional
Sensors w POD Device**

- 4K Daylight Camera, 4 x 90 degree
- EO/IR 30X Zoom PTZ Camera
- Thermal Sensor
- LiDAR
- Hyper spectral Camera
- MMWave sensor
- X-Ray
- Radiation Sensor
- Laser Range Finder

POD

AiPOD

INTEGRATION PLATFORM OR POWERED BY THE AiPOD DOME

KEY FEATURES

W100 Ai Core

- Our AI core uses a proprietary combination of CNNs, LSTMs, Reinforcement Learning and carefully crafted sensor and decisio`n-making algorithms

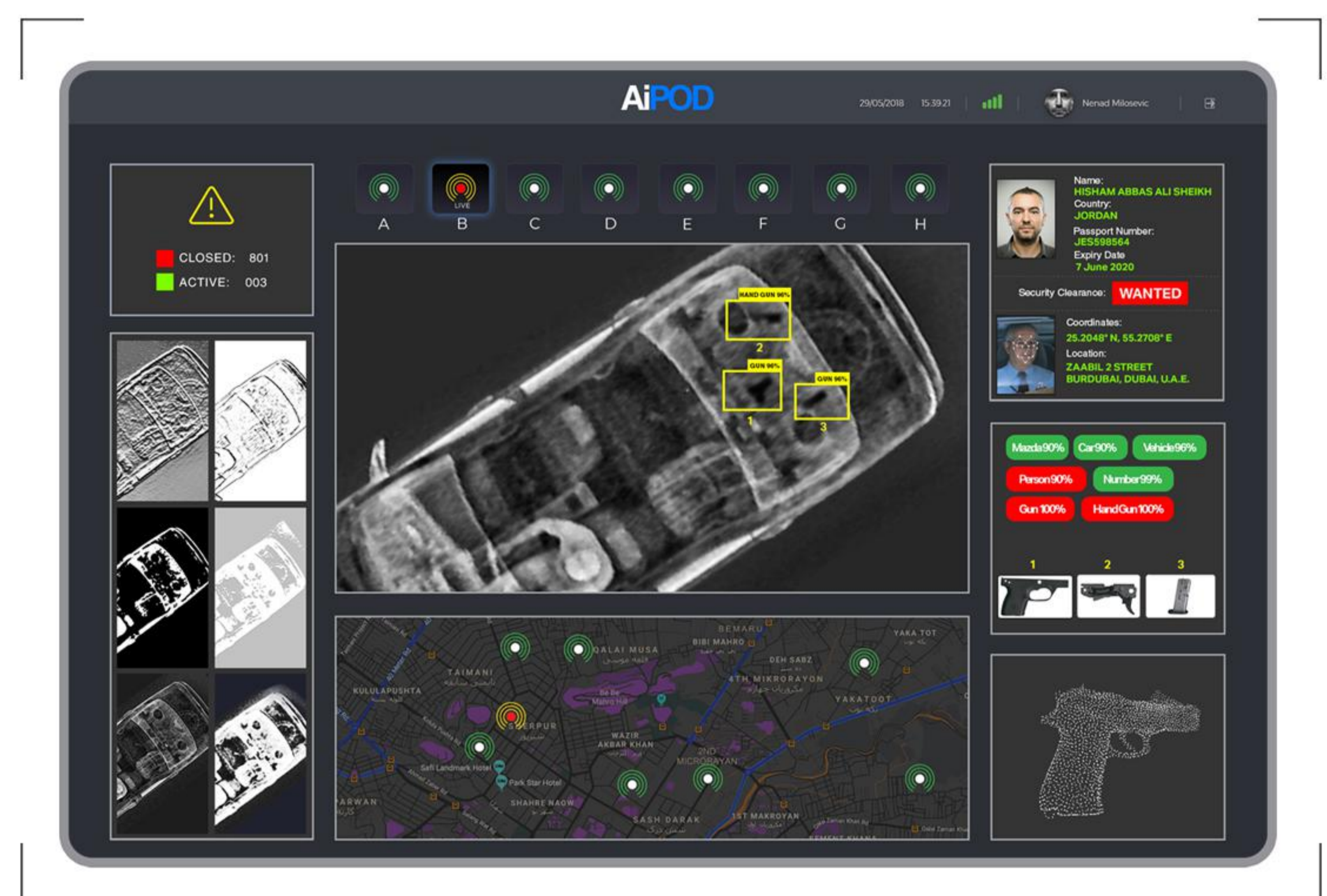- Analyze complex sensor information for actionable insights

DRI + Alerts

- Detect, Recognize and Identify persons, weapons, explosives, and other undesirable objects real-time
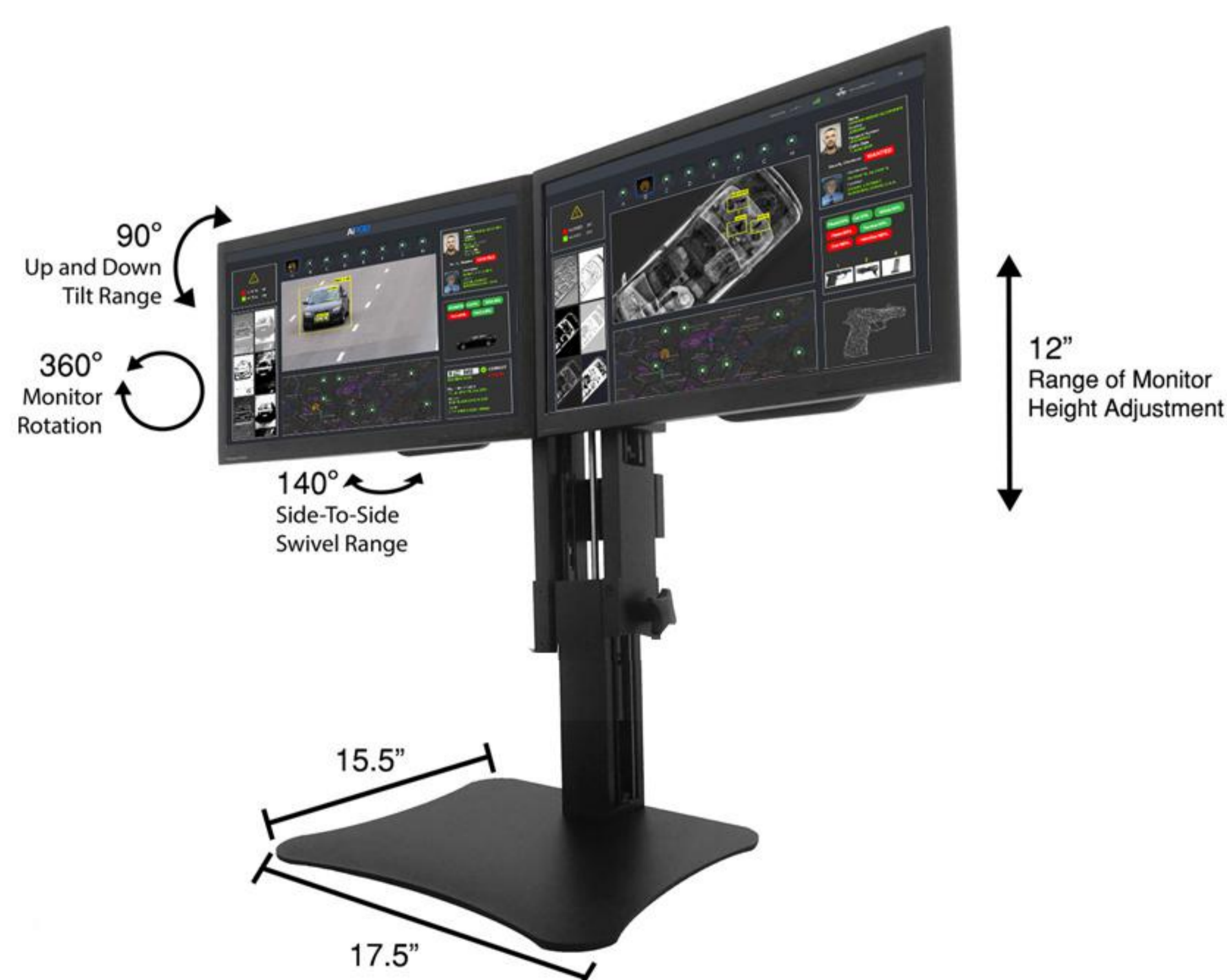
Autonomous Behavior 24/7

- True positives cause AiPOD to investigate further by triggeringother sensors to gather data, learn more and send alerts to a mobile via encrypted satellite communications to our data center

- Connect the AiPOD platform to your existing Surveillance network
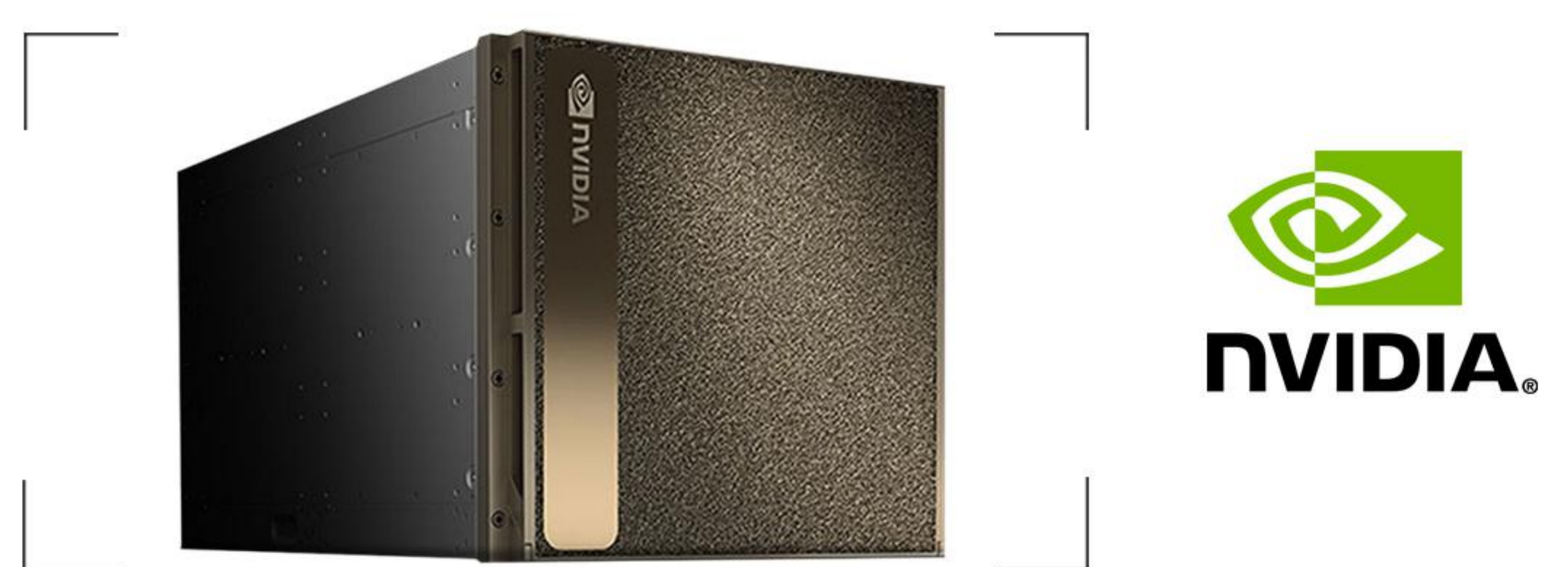
DASHBOARD

DUAL SCREEN COMMAND CENTER

NEC P-Series 24/7 Dual Large Screen Display

NVIDIA DGX-2

NVIDIA® DGX-2™, the first 2 petaFLOPS system that combines 16 fully interconnected GPUs for 10X the deep learning performance.