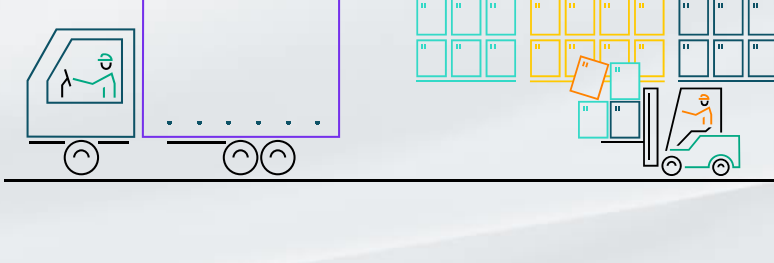


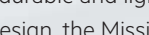
Mission Planning Center

Why a deployable mission planning center?

Modern combat leverages large amounts of data that needs to be analyzed in real-time to digitize the battlefield (a digital twin of sorts), resulting in a comprehensive map of adversaries and allied positions, commonly referred to as situational awareness. This digital twin enables combat scenarios (simulations) to be emulated thus gaining a real-time tactical advantage, helping maximize the success of missions. It's vital these simulations can be initiated in a location that makes superior tactical sense — wherever that may be, but often close to the data (mission location). Mission Planning Center of HPE enables the capability with a ruggedized data center container, plus supporting mission containers, which can be deployed anywhere pole to pole, in a short space of time.

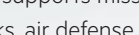


Easily transportable



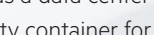
With its durable and lightweight aluminum design, the Mission Planning Center can be transported quickly and easily by land, air, or sea. It can be deployed anywhere in the world, whatever the scenario.

Fully capable



Our solution supports mission planning, data links, air defense support, satellite/link capacities, local intelligence, out-of-area to central data center communications, drone support, and more.

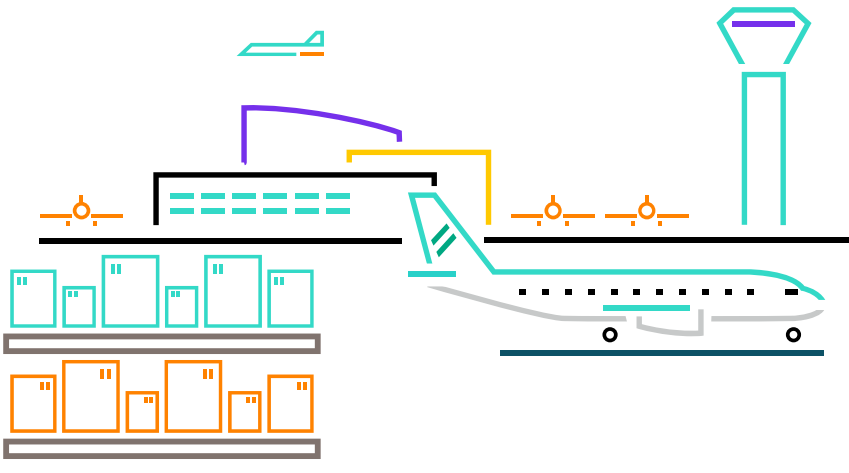
Flexible configurations



As well as a data center container and security container for IT staff, key personnel, and commanding officers can have access to a planning container and a brief/debrief container. Each container is equipped with a fresh air solution that creates good working conditions, even in polar or equatorial conditions.

A fully secured environment for planning and control

Our Mission Planning Center provides everything needed to deploy data center and communication capabilities in the harshest of environments. It provides a safe environment with a high level of security, including electromagnetic compatibility (EMC) against magnetic intrusion, and electromagnetic pulse protection (EMP) to prevent against electromagnetic pulses from nuclear weapons, which impact equipment.



Deployable mission support

The Mission Planning Center provides flexible deployment in the field, even in demanding environments. It computes and processes data at the point of capture — the edge — and helps ensure that mission data and the current operational picture can be shared directly with personnel on the front line in a timely manner. The Mission Planning Center remains in constant contact to collect and analyze real-time and changing data during missions.

Mobile airport system

Our solution can act as a fully functioning mobile system that's deployable on demand wherever a tactical base is needed. This enables you to quickly adapt to new scenarios, with operational mission planning. Multiple layers of data distribution are possible between land, sea, and air — irrespective of location.

Self-contained, self-reliant, and modular

Our Mission Planning Center has been developed to host the necessary IT systems as well as process flow-oriented support utilities. Built wholly in Europe, the standard ready-to-go ISO containers includes independent, robust, and redundant UPC energy generation and cooling.



The ruggedized corrosion-free data center container hosts supporting IT. Additional equipment includes a security container, a planning container, a brief/debrief container, and a tent solution to interconnect containers.

The center is built to the highest quality standards using the latest welding technology for EMC/EMP protection. Container walls are well insulated to reduce thermal print and energy consumption.

The modular build can be customized to customer requirements, such as customizing IT for local countries.

It is designed to meet high-quality, high-reliability military specification standards.

The units are standard ISO container format (20 feet long, housing four people), with CSC stack 9 specifications for easy handling. It has built-in aluminum to reduce maintenance, increase durability, and save weight (average weight 7 to 9 tons)

Specifications

Environmental conditions A1 to C2 acc.

STANAG 4370 — AECTP 200

IC Tech Spec-for ICD/ICS 705

EMP/EMC performance acc. Mil-Standard-461G

NEK-400-2010

Tempest certified

CSC safety approval: International Convention for Safe Containers

Transport ability by air, boat, train, or truck

Network fiber connectivity

Why Hewlett Packard Enterprise?

\$1M+

The amount spent on social investment across the EU in FY21¹

75

years

as a trusted partner to European public bodies

Present

in all European countries

8

innovation centers in Europe²

85%

of the assets taken in at HPE Technology Renewal Centers are refurbished and returned to active use³

HPE

is the only company with TCO certification (world-leading sustainability certification for IT products⁴ for servers⁴)

European manufacturing

HPE manufactures liquid-cooled supercomputers and servers for data-driven organizations in Kutná Hora, Czech Republic.