OC1
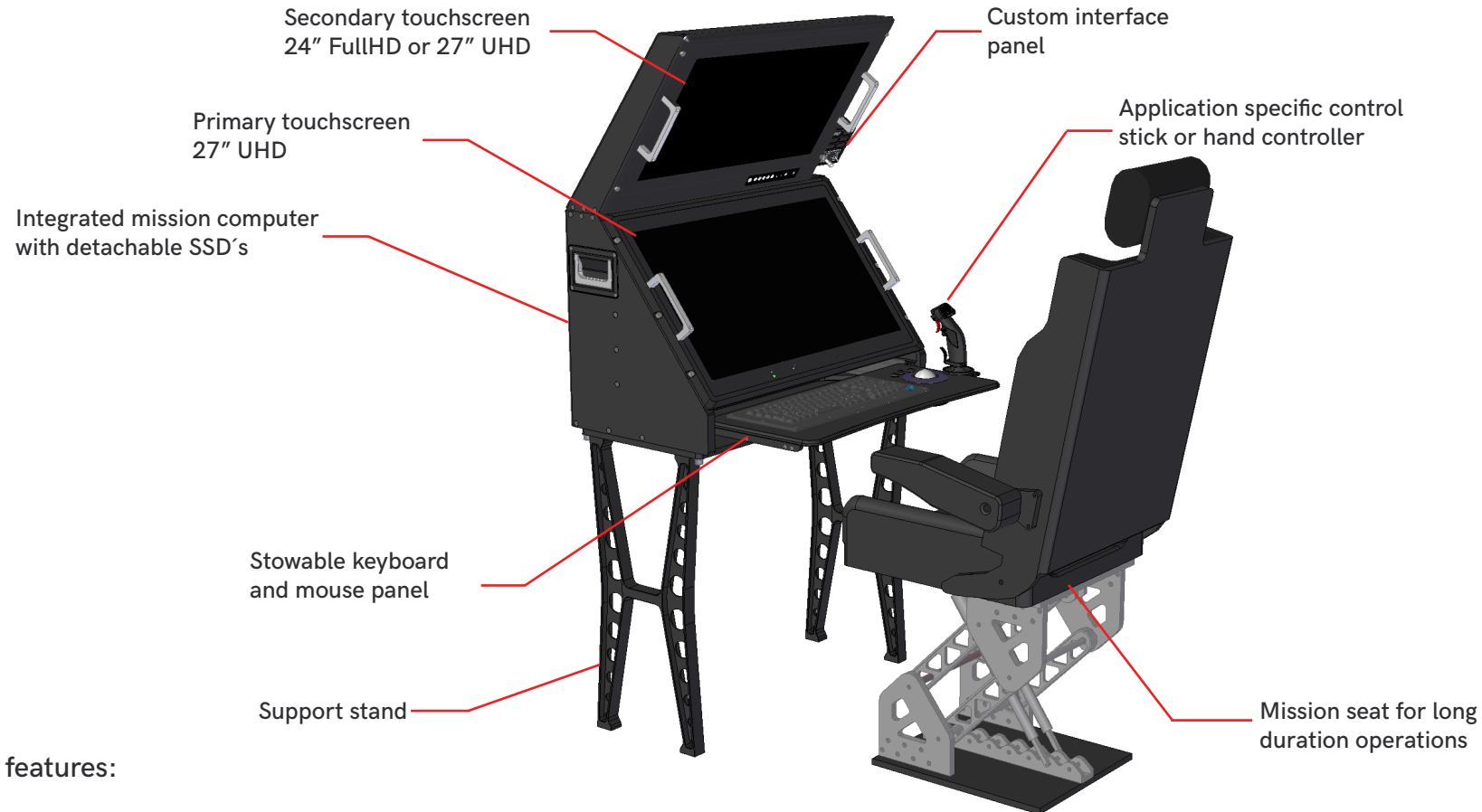
The Operators Console 1 is a high end fully integrated Mission Control Station. It can be used for various applications including operating unmanned aerial vehicles, payloads, unmanned ground vehicles and also for various specialty applications.
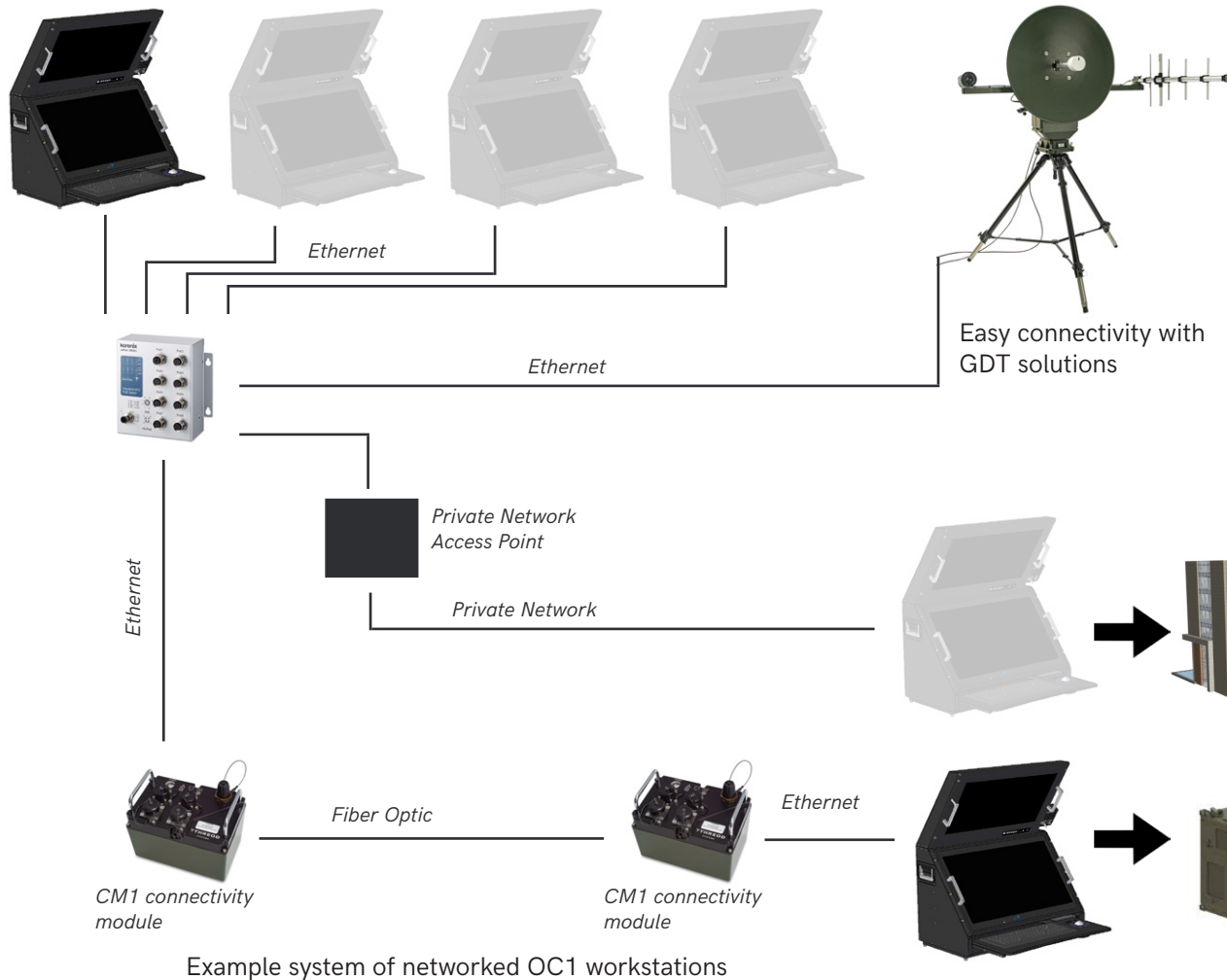
Secondary touchscreen
24" FullHD or 27" UHD

Custom interface
panel

Primary touchscreen
27" UHD

Application specific control
stick or hand controller

Integrated mission computer
with detachable SSD´s

Stowable keyboard
and mouse panel

Support stand

Mission seat for long
duration operations

Key features:

- Perfect station to control complex UAV´s, UGV´s and various payloads including multi-sensor mission payloads

- All switch and interface panels are customizable

- Extensive connectivity options including USB HID, USB Ethernet adapter, Ethernet, PoE, Fiber Optic and serial interfaces allow wide range of applications

- Easy to install in shelters and buildings

OC1 Specifications

Standard configuration

Ethernet

Ethernet

Easy connectivity with GDT solutions

Private Network Access Point

Private Network

Ethernet

Fiber Optic

Ethernet

CM1 connectivity module
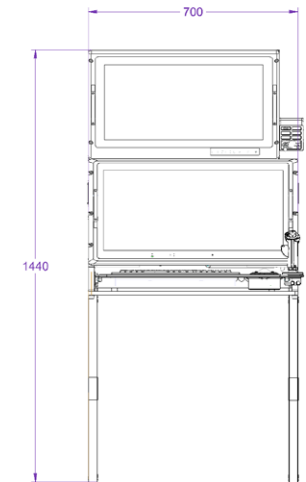
CM1 connectivity module

Example system of networked OC1 workstations

Note! OC1 can have various non-standard configurations. Contact Threod for options and quotations.

OC1 can easily be installed in Headquarters and Command and Control shelters

OC1 dimensions in 24" secondary monitor confirutatioon

Main Components	
Workstations	1 seat per console (consoles can be networked)
Workstation Computer	Rugged mission computer
Displays	27" UHD, touchscreen primary display 24" FHD, touchscreen secondary display
Stand	Custom stand with mounting points and guidance pins
Keyboard and mouse	Rugged and splash proof mounted on a stowable heavy duty drawer
Operators seat	High quality seat for long duration missions. Vehicle, shelter and airborne mission seats available.
Software	Mission management software package with advanced features and client-server architecture. Server provides video storage and sharing, audio and text chat, mission coordination, and interoperability facilities. Client provides the user interface with live and recorded video and map display and access to server features.

Interfaces	
Communication	Multiple Ethernet and F/O plugs in standard or custom military formats
Power	DC 28 V
UPS option	Yes
AC/DC converter option	Yes

Environmental	
Operating Temperature	-20 °C to +50 °C

Standards	
Environmental	MIL-STD-810G

Features
Highly customizable according to client specifications
Direct connectivity with GDT's, CM1 connectivity module and many other supporting subsystems
Easy to integrate with Private Networks
Full command authority can be handed over regardless of OC1 geographical location

THREOD SYSTEMS

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