

## Construction Video

Welcome to Morpheus : MIP The Modular IoT Platform from Obsidian Integration, LLC. This product is our standard modular and adaptable platform for managing remote and unattended Internet of Things deployments. The system can easily be adapted to any number of applications via standard plug and play modules

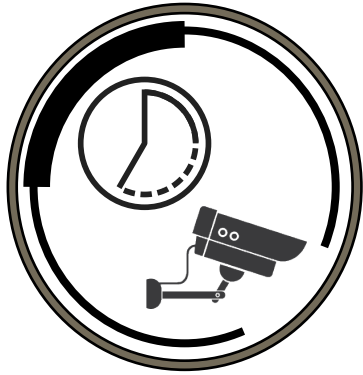
The configuration shown here is specifically optimized for Construction and Jobsite Surveillance. The platform is based on a turn-key weatherproof outdoor control housing to support IP Cameras for Security and Time-lapse Documentation.

Project documentation saves money by supporting training, site security, efficiency improvements and error detection. The system can generate revenue streams for you by adding time-lapse documentation.

Morpheus : MIP is fully wireless, to the Internet via Cellular IP and offering a local WiFi hotspot for job-site Internet access. The hotspot and internal network router supports all IoT connected devices.

Morpheus operates on either AC or DC voltage inputs and can go virtually anywhere. Sliding device trays enable easy adaptability and expansion configurable for multiple IP cameras or other devices as requested. This platform includes full environmental control systems for a completely weather resistant and reliable outdoor solution.

It is designed as a completely turn-key solution. Morpheus is ready out-of-box - just install it and apply power to begin your project documentation or security monitoring immediately.



- Accepts Obsidian TimeDoc Turnkey Time lapse Module
- Local or Remote Storage
- On-Demand or Scheduled Time-lapse Generation
- Complete Project Documentation - Professional Editing Services
- Upload to Web server for Third Party or Customer Access



- Wireless IoT Gateway
- Support for all Cellular Carriers
- Multiple Carrier Support Without Requiring Hardware Upgrades or Change outs
- 802.11 Hotspot Shares Internet Connectivity
- Local WiFi Access Allows Bandwidth Optimization



- Up sell Documentation Services to Clients
- Optimize Site Operations With Real-Time Remote Video
- Enhance Training Operations With Video & Time lapse
- Avoid Costly Mistakes Via Keeping “Eyes-On”
- Deter Vandalism, Theft and Capture Evidence

### Morpheus : MIP Construction Video Feature Matrix

Specification	Description
IP Camera Support	All IP Cameras, Remote Mounting, Typically Configured With Axis or Hikvision Cameras
Camera Connection	PoE Connection, Multiple Camera Support Available, High Power PoE Available
Video Documentation	Obsidian TimeDOC Time lapse Module for IP Cameras, Scheduled, Local or Remote Storage
Remote Video	Edge Recorder Option, Incident Based Remote Stream, Still Image Uploads
IoT Modem Gateway	Sierra Wireless, Cradlepoint, MultiTech
Network	Internal Ethernet Switch & Router With Local Area Network Enabled
WiFi	High Power 802.11b/g/n Wireless Connectivity
AC Power	120VAC Input
DC Power	12VDC Input, Internal Automatic Low Voltage Disconnect
AC Power Connections	Twist Lock AC Power Connection
DC Power Connections	Standard SAE (Trailer Plug) 2 Pin Connector (Specialty DC PoE Configuration Available)
Internal System Power	12VDC @ 7A Max   PoE   Obsidian Modular Power Supply Available
System Reset	Remote IP Reset
Housing Type	12 x 14 x 8 UV Stable Outdoor Ready Fiberglass
Environmental	Weatherproof Design   Thermostatically Controlled Heater, Fan & Ventilation
System Mounting	Basic Pole/Wall Mount / Optional Adjustable Quick Mount