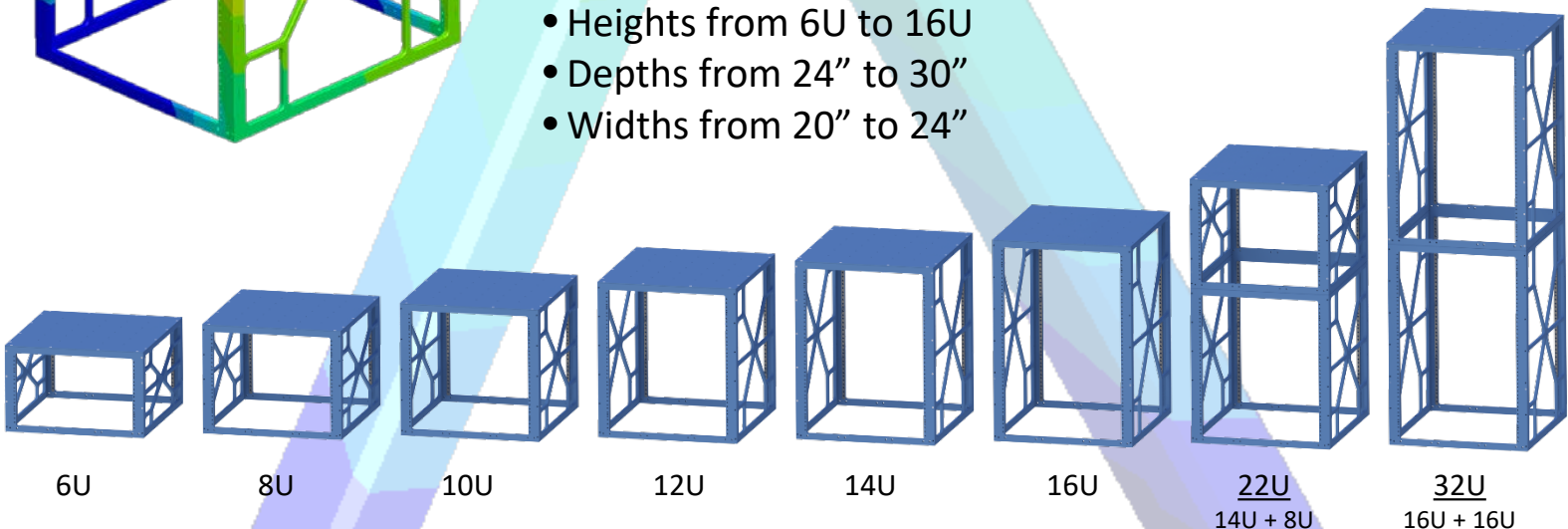
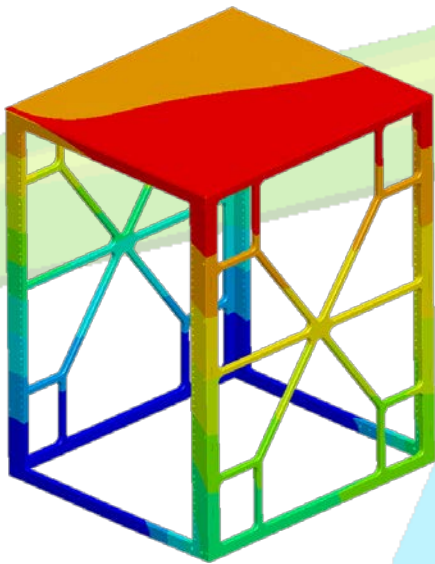


FMS Aerospace has experience with a variety of rack solutions on various platforms supporting a wide array of CONOPS. Our Aircraft Electronics Rack (AER) design is based on a set of requirements formulated to result in best-of-breed design elements, derived from a combination of manufacturing, certification, and operational perspectives. The AERs offer Roll-On/Roll-Off (RO/RO) capability in a modular package manufactured from high strength AL for maximum strength to weight ratios. Fully populated, each AER is easily packaged into standard shipping cases for simplified logistics. Size and geometry ensure even fully populated racks are hand manageable in confined environments.



Scalable and Customizable

- Height, width, and depth adjusted to customer requirements
- FAA Certifiable for use in Part 23 and Part 25 Aircraft
- Certified for Fwd/Aft or side facing installations
- Fits standard 19" LRU Electronic Equipment
- Optimized for low weight and high strength
- Independent, Stackable, Modular Units
- Standard sizes include:
 - Heights from 6U to 16U
 - Depths from 24" to 30"
 - Widths from 20" to 24"



Design Advantages

- Certified using a CG envelope for operator's flexibility
- Fits into standard shipping case for ease of shipment (while populated)
- Designed with 'grab areas' for ergonomic and simple handling
- Racks install either directly to aircraft seat track or through adapter brackets
- Shock Mounting available
- Single / Dual / Triple monitor solutions
- Enclosures available
- Incorporates into the FMS Airframe Integration Management Suite (AIMS)



INPUTS

Aircraft Type
Personnel Data (LOPA)
Racks/Consoles Data
Equipment Specs
Mission Parameters

Configuration Mgmnt

Mission Planning

AIMS

Trade Study

LOPA

Weight and Balance

Rack Population

Mission Duration

DHC-8-202 MISSION ENDURANCE

