



# Manufacturing Facilities & Support Services

# Modelling & Prototyping



Praevar has eco-system partners offering:

- Scale modelling for 3D visualization..
- Full-size models for ergonomic validation and detail definition..
- Full-size mock-ups for integration testing and customer presentation..
- Prototyping for component and assembly validation..
- Pre-production sampling to prove tooling and first-article sign-off..
- Production sampling to rationalize process and production control..

# Manufacture



Praevar maintains sub-contractor and CM agreements supporting:

- Small volume and custom supply..
- Batch production utilizing soft-tooling and hand-assembly processes..
- Volume production fabrication and sheet metal sub-assembly..
- Metal, film, plastic and glass production..
- High capacity tooled processes, including casting, moulding, extrusion and stamping..
- Off-shore mass production component and sub-assembly facilities..



# Mechanical Assembly



Praevar maintains sub-contractor and FAT agreements supporting:

- Small volume custom assemblies..
- Custom configured standard product variants..
- Mechanical, electro-mechanical and E&E volume supply..

# Integration & Test



Praevar has access to a full range of integration, test & validation facilities:

- Electrical and electronic integration & testing..
- Thermal and radiation testing and validation..
- Environmental testing, validation & certification..
- Functionality testing..
- Wind-load, impact and vibration, specialized rigs [i.e. baseball bat impact/drop-test/repeated door operation etc.]..



# Packaging & Shipping



Praevar, with key partners, has considerable worldwide shipping experience, including:

- Pallet design and optimization..
- Material and finished goods handling and loading..
- Road and container optimization and shipping..
- Import & Export, within North America, Europe and AsiaPAC..

# Installation & Commission



Praevar has planning and management experience of:

- Indoor - shopping Mall and lifestyle center product roll-out programs..
- Platform and concourse installs, including live rail networks..
- Street furniture and transit shelter signage integration programs..
- Staged installation programs, utilizing different trades and professions..
- Managing time-sensitive go-live dates within a large network..

