

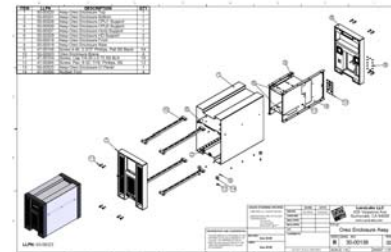


Project Description:

An advanced enclosure design with integrated power supply and thermal management features for a desk-side, broad-spectrum, high-sensitivity RF signal acquisition system.

Key Features / Project Highlights:

- Requirements Analysis and Refinement, 3D Modeling and Mechanical Design, Electrical Power Distribution Design, Power Supply Selection, Prototyping and Validation
- Sturdy, full-custom cabinet design made from strong metal components with integrated handles and recessed I/O areas and protective front access panel for rugged environments
- Front-panel features User Interface elements and an access door protecting two removable drives bays
- Rear-panel houses several RF antennae connectors and many other communications interfaces, all well labeled and recessed for protection
- Thermal Management Features include multiple fans, internal card orientation, air flow pathways and exterior gratings
- Produced documentation set for hardware and mechanical components, prototyped and delivered systems for deployment



TICOM GEOMATICS, INC.

About LocoLabs:

LocoLabs is a Silicon Valley, CA provider of custom and turnkey development platforms and modules for embedded designers. It is our mission to accelerate your product development, drawing on more than a decade of experience tackling tough embedded design problems for leading suppliers of consumer, computing and commercial systems.

In our engineering and design work, LocoLabs customers call us the “Rev-Zero” company. With success stories in consumer electronics, commercial robotics, HD video and instantly deployable wireless networking, our experience reinforces the value of fast prototyping and hardware/software co-design. LocoLabs’ cross-trained Embedded, Multimedia, Wireless and Linux experts in our Silicon Valley design center are available to support your rapid product development.

