

User Interface

Solutions for

World-Class

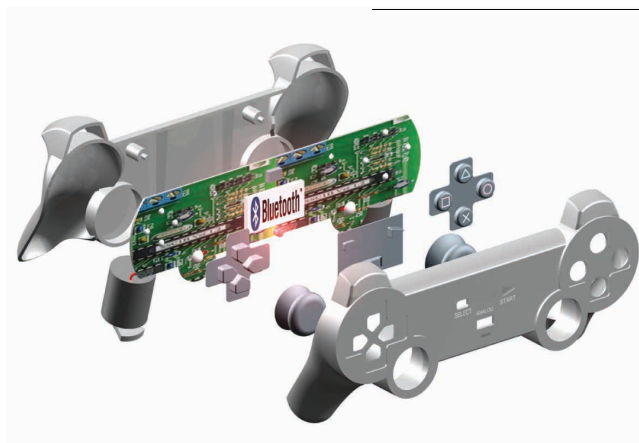
OEM Customers

# HMI Design Integration and Value-Added Assembly

## Performance-Based Assembly and Fabrication to Fit Your Needs

With VIS, your product is manufactured using an optimized approach with scalable solutions that have the flexibility and agility to meet your needs. We focus on mid to low volume, higher-complexity programs ranging from membrane switch assemblies to fully-featured HMI electro-mechanical devices and products. From medical devices to industrial controls to electronic assemblies, VIS has the capability and depth to support advanced manufacturing and assembly for your unique user interface product.

Among our greatest strengths is our global fabrication and manufacturing capabilities. Our headquarters and Sales/Engineering center is in Livermore, California; we have a Procurement office near Shenzhen, China; and our company owned Manufacturing and Production facility is located in Monterrey, Mexico.



## The VIS Advantage

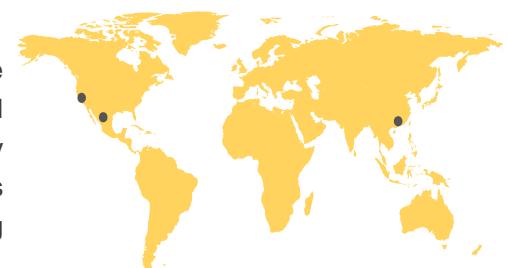
For HMI and Value-Added Assembly, VIS is the preeminent low-cost option for US-based OEM customers; especially when considering the many advantages our Mexico-based manufacturing facilities provide over China and other offshore manufacturing options.

## BENEFITS

- Lower total cost of ownership
- Supplier chain consolidation
- Superior quality and production oversight
- Mexico and China procurement offices – providing strong materials sourcing and inventory management programs
- Improved leadtimes, language, and logistical performance
- Accessible by car or short flight and in North American time zones
- Vastly superior intellectual property enforcement and protections
- ISO 9001 and 13485 certified

## COMPLETE VALUE ADDED ASSEMBLY

- VIS PCBA with molded silicone keypad array
- Plastic molded front and rear casing with hardware
- Screen printed graphics
- Battery assembled with cabling and wire harnesses
- Fully Assembled and tested prior to shipment
- Shipped to OEM final assembly point

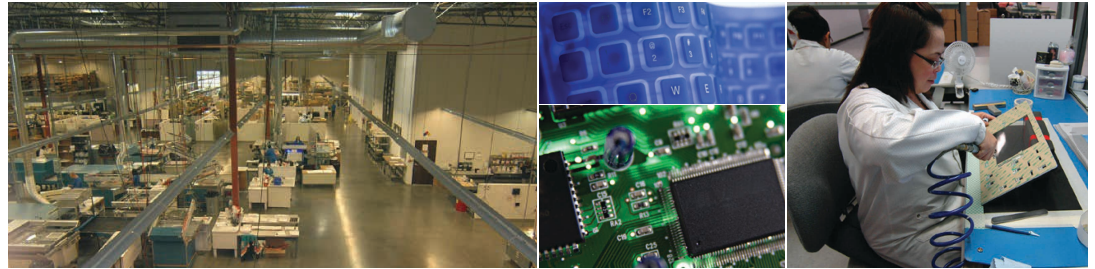


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# Full Assemblies



Medical Applications



Industrial Controls



Specialized Electronics

## Advanced Assemblies in VIS Clean Rooms:

Optically bonded Touch screen

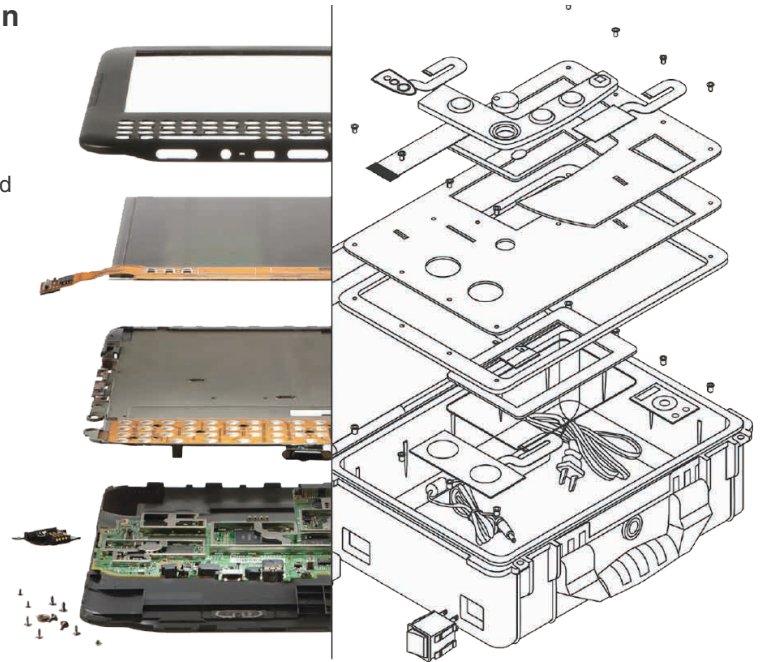
Custom chemically strengthened glass coverlay

Custom graphics screened on glass or overlay

Rear anodized aluminum casings

Plastic molded bezel with hardware

Fully Assembled and tested



## Products and Technologies:

### TOUCH PANELS

Projective Capacitive Touch Screens  
Resistive Touch Screens  
Displays  
Optical Bonding

### SWITCHES AND SENSING

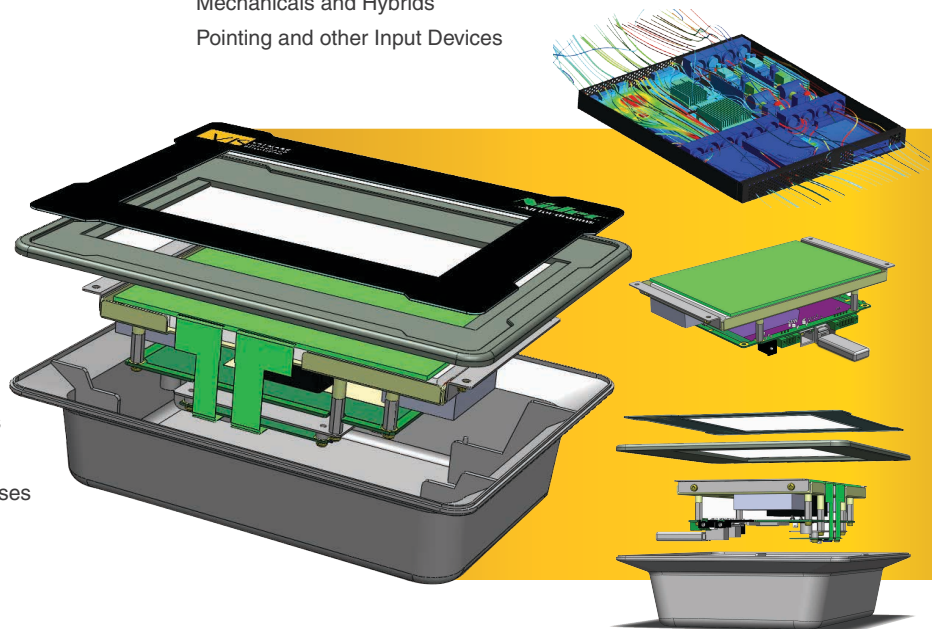
Membrane Switches  
Capacitive Switches  
Mechanicals and Hybrids  
Pointing and other Input Devices

### ELASTOMER CONTROLS

Keypads  
Gaskets and Seals

### COMPONENTS

Graphic Overlays  
Backlighting  
Packaging  
Enclosures  
Housings  
Bezels  
Backer Panels  
Electrical Interfaces  
Firmware/Software  
Cables and Harnesses



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