Product distribution for **Pneumatic Automation, Electronic Automation and Fluid Control**
About Bay AT: As a distributor of pneumatic, electrical and fluid components with vertically integrated sheet-metal, machining and welding capabilities, Bay Advanced Technologies is positioned technically and logistically to support your module outsource strategies. Our manufacturing and integration locations in Northern California, Southern California, Texas and Singapore are able to provide parts and system support to any location - domestic or international.

Bay AT’s 40+ years of experience in supply chain management, purchasing leverage, and partnerships with world-class product manufacturers gives us the unique capability to deliver solutions that achieve optimum performance at competitive prices.

Certifications:
- ISO 9001 certified in California, Texas and Singapore
- ISO 13485 certified for medical equipment manufacturing in California and Singapore

Product distribution for Pneumatic Automation, Electronic Automation and Fluid Control

**Advantech**
- Embedded Systems and Industrial Computers
- Industrial Ethernet Products
- Industrial HMI Products
- ADAM® Distributed I/O Modules
- Data Acquisition and Control

**Air Logic**
- Logic Controls
- Orifices
- Precision Regulators
- Pressure and Vacuum Switches

**AirTrol**
- Pressure and Vacuum Switches
- Pressure and Vacuum Regulators

**Allenair**
- Brass/Stainless Cylinders
- Rotary Index Tables

**Applied Motion Products**
- 2 Phase Stepper Motors and Drives
- AC and DC Digital Servo Motors and Drives
- Integrated Programmable Stepper Motors
- Indexing Stepper and Servo Systems

**Brad Harrison**
- Cordsets and Connectivity Products
- SST DeviceNet Products

**Clippard**
- Electronic Valves
- Fittings
- Logic Controls
- Miniature Pneumatic Valves
- Proportional Valves
- Stainless Steel Cylinders

**Compact Automation**
- Custom Actuator Products
- Cylinders
- Flow Controls
- Rotary Actuators
- Slides

**Control Technology Corp.**
- Programmable Automation Controllers
- Quickstep State Logic Software
- Touchscreen/HMI Products

**CPC**
- Thumb-latch Quick Couplings
- Fittings for Plastic Tubing
- Products for Semiconductor, Medical, Bio-Medical and Food and Beverage
- Non-Spill

**Enidine**
- Shock and Vibration Analysis

**Freelin-Wade**
- Plastic Tubing
- Hose
- Coils

**Gast - Jun-Air**
- Oil Lubricated Silent Compressors
- Oil-Free Compressors and Vacuum Pumps

**Hedland**
- Flow Meters

**Humphrey**
- Pneumatic and Electric Solenoid Valves
- Pneumatic Cylinders

**IMI Precision**
- Air Preparation Products
- Cylinders
- Electro-Pneumatic and Mechanical Valves
- Fittings (Push-to-Connect)

**Kollmorgen**
- Motion Control Systems
- Servo and Stepper Motors
- Servo and Stepper Drives
- Electric Cylinders and Actuators
- Precision Linear Tables
- Direct Drive and Linear Servo Motor Systems

**Kip (A division of Norgren)**
- Solenoid Valves
- Fluid and Isolation Valves
- Level Switches
- Diaphragm and Angle Seat Valves

**Koganei**
- Pneumatic and Electronic Solenoid Valves
- Pneumatic Slides
- Flow Control Devices
- Grippers and Rotary Actuators
- Air Pilot Valves
- SS and Precision Regulators
- Ionizers

**Legris**
- Pneumatic Push-in Fittings
Macron Dynamics
Linear Actuators
Belt Actuators, Screw Table Actuators
Multi-axis Assemblies
Gantry Systems for Automation

Mem-Co
Miniature Barbed Air Fittings
Manifolds (SS, Nickel-Plated and Brass)

Noshok
Diaphragm Seals
Dry and Liquid-Filled Pressure Gauges
Thermometers
Transducers

Panasonic/SunX
AC Digital Servo Systems
PLC/HMI/Touchscreen Products
Temperature Controllers
Photoelectric Sensors
Fiberoptic Sensors and Amplifiers
Inductive Proximity Sensors
Liquid Level and Detection Sensors
Laser Measurement Sensors
Digital Pressure/Vacuum Sensors
Safety Light Curtains
Color Mark Sensors

Parker
Industrial Tube Fittings
(Stainless Steel, Steel and Brass)
Instrumentation (PTFE Hose, Thermoplastic Tubing Fittings and Accessories)
Low and High Pressure Hose and Fittings
Quick Couplings
(General Purpose and Non-Spill)

Piab
Vacuum Pumps
Suction Cups

Proportion Air
Electronic Proportional Regulators
Proportional Flow Control

Sanyo Denki
Stepper Motors and Drives
Closed Loop Stepper Systems
AC and DC Digital Servo Systems

SMC
Dryers
Filters
Fittings
Instrumentation
Pneumatic Actuators
Pneumatics Valves and Manifolds
Pressure Switches
Tubing
Electric Linear Actuators
Electric Grippers
Electric Rotary Actuators

Thomson
Profile Bearing Rail
Roundrail Linear Guides and Components
Ball screws/leadscrews and Splineshafts
Micron Planetary Gearheads
Electric Actuators
Positioning Stages
Clutches and Brakes

ZenPure
Purification Products
Filtration Products
Membrane Products
Our combination of product representation and system integration is coupled with engineering and design support utilizing the latest Solidworks® and Inventor® 3D modeling software.

- Air & Vacuum Preparation
- Custom Valve Manifolds
- Field Bus Valve Networks
- High Density Valve Packages
- Pneumatic Interlock Systems
- Pneumatic Linear & Rotary Actuators
- Low Profile & Custom Actuators & Slides
- Proportional LIP & I/P Control
- Solenoid Valves
- Tubing & Tubing Harnesses

Our years of experience with both established and cutting edge technologies enable us to serve your product and assembly integration needs at every level.

- AC and DC Distribution Assemblies
- Electric Linear Actuators
- Field Bus I/O and Control Cards
- PLCs & HMI/Touchscreens
- Safety Light Curtains
- Sensors & Sensor Harnesses
- Servo Motors & Drives
- Stages & Precision Tables
- Temperature Controllers

Bay Advanced Technologies’ Fabricated Materials Division has been providing diversified manufacturing solutions for our OEM customers since 1989. We supply the medical equipment, electronics instrumentation, semiconductor, telecommunications, and commercial industries with precision CNC machining, welded frames, welded tube assemblies and sheet metal fabrication. From quick-turn prototypes to volume manufacturing, our ISO 9001:2000 certified Fabricated Materials Division continues to be recognized as an industry leader for cost competitiveness, on-time delivery performance and quality fabrication. We are a high mix factory with the agility to move fast on your prototype and production requirements.

- Precision CNC Machining
- Precision Laser Cutting - 2D & 3D
- Precision Sheet Metal
- Precision Enclosures & Chassis
- Precision Welded Frames
- Precision Welded Manifolds
- Build-to-Print - Build-to-Spec
- Design, Engineering and DFM
- Prototype, and Volume - Global Sourcing

Bay Advanced Technologies has gained unparalleled experience in Fluid, Mechanical, Electronic and Pneumatic application, design support and manufacturing. This same expertise allows us to produce fully integrated assemblies as a solution to your product demands and also differentiates us from most contract manufacturers. Truly understanding our core technologies at the component level enables us to collaborate on a design that is most efficient for your application requirements.

From initial concept to volume production, Bay AT offers our manufacturing partners robust module and turnkey assemblies to meet your quality and production requirements. In tandem with our manufacturing, engineering, materials, quality, and supply chain management professionals, Bay AT offers rigorous process development and controls to assure your products meet today’s exacting requirements.