Security and Quality in Manufacturing
Supply Chain Sourcing and Risk Management Best Practices

A secure supply chain, linked with quality touchpoints throughout the manufacturing process, ensures Hart's voting system delivers accuracy and accountability every time.

How a secure voting system is manufactured matters. And with Hart you can you be certain that we are there every step of the way.

The Right Partnership
US-based Tier 1 suppliers make the difference

Hart only partners with US-based Tier 1 suppliers with extensive expertise in the elections industry, medical and defense arenas. Our partners are required to maintain "IPC-J-STD-001 Class 610" and adhere to ISO-9001 certifications to the highest standards for assembly, product quality, and traceability. We regularly conduct cyber audits, background checks, and have monitoring controls in place for our employees and partners to ensure security and quality in our manufacturing process.

The Right Source - Proprietary Supply Chain
Always verified and validated - complete line of sight

No small detail is left to chance. Hart has line of sight to every component and requires complete end-to-end traceability. Only components listed on Hart's proprietary approved vendor list, registered by the Election Assistance Commission (EAC), are allowed. And we validate correct sourcing at multiple checkpoints throughout the manufacturing process.

The Right Place - Made in the USA
Inspected, tested, and verified at each stage of assembly

Hart utilizes "Progressive Build Strategy" throughout the manufacturing process. This successive layer-based production build strategy safeguards security by inspecting, testing, and verifying every component source and functionality within each stage of assembly prior to release to the next state of production. All electronic components capable of storing software are cleared of any executable code before being loaded with Hart's Election Assistance Commission (EAC)--certified software in a tightly controlled environment, then subsequently validated as part of the manufacturing process prior to final assembly.

The Right Controls - End-to-End management
Ensuring design continuity and integrity

Hart's designs are managed from concept to customer using an independent Product Lifecycle Management tool ensuring unit 1 is the same as unit 10,000. All designs and components are tested by independent labs and receive EAC approval prior to release to the field. In addition, all peripheral devices (printers, high-speed scanners) used within elections are cleared of any executable code before being loaded with Hart's EAC-certified software at the last stage of production prior to final assembly, testing, and shipping.

The Right Process - Secure chain of custody
Manufacturing, delivery, and customer acceptance

Hart utilizes active monitoring and risk management throughout the entire process. From electronic badge access controls to the latest technology in serialized seals, chain of custody is never in question. Upon receipt, the customer can further validate that their order remained secure by implementing Hash Testing as part of Hart's acceptance testing procedures.