

Mission-Critical Printing Solutions for the Enterprise



Enterprise-grade is a term used to describe equipment that integrates into mission-critical systems and infrastructure of large organizations to improve and maximize productivity.



Barcode labels, including standard and RFID encoded labels, are essential to move products from the warehouse, to the manufacturing plant, onto delivery trucks, and into your customers' hands. Learn why our Printronic Auto ID enterprise-grade, mission-critical printers deliver peace of mind to operations managers and corporate executives by providing reliable, feature-rich, high performance barcode label solutions that exceed even the most rigorous enterprise requirements.



Built Tough for Maximum Uptime

Our Printronic Auto ID Enterprise printers feature an all-metal construction, advanced engineering, and cutting-edge technology that make them the smarter choice for enterprise professionals looking for a workhorse to keep pace with their operation. Designed to print up to 15,000 labels per day, 24/7 operation and provide many years of reliable performance, these printers have an impressive, industry-leading maintenance and durability record, far surpassing the competition. Whether printing labels in the sub-zero temperatures required in cold chain logistics or the sweltering heat of a warehouse operation in the middle of the desert, our Enterprise printers are trusted by major enterprise organizations around the world.



Flexible, Seamless Integration

Critical software like ERP systems involve substantial financial, training, and deployment investments. Our Enterprise printers offer seamless, easy-to-deploy integration into existing IT environments.

Printronic Auto ID System Architecture (PSA)

All our Enterprise printers share the same system interface and feature set across the entire family including consistent operator panels, language compatibility, connectivity, security, and management and integration tools.

Wide Range of Major Printer Language Emulations

Our vast emulation capabilities, including major printer languages, Postscript, PDF, IPDS, and legacy impact printer data streams, ensure seamless plug-and-play integration and future-proof your investment in the event a new ERP or other software deployment is made.



Rapid Deployment

Simplicity starts at setup. Global deployment of our Enterprise printers is quick and easy saving you time, money, and risk. Rapid deployment and quick job changes are facilitated through features such as consistent menu interfaces, stored configurations, and tools built into SOTI Connect or our PrintNet Enterprise (PNE) device management software. A Configuration Change Module (CCM) can also be used to completely configure or clone machines as they are powered up.



Print High Quality, Accurate Labels

Our Enterprise printers consistently generate outstanding quality with decades of engineering expertise resulting in advanced printing algorithms and excellence in paper handling. Extensive hardware engineering and adjustments for speed, pressure, and printhead temperature, as well as media diagnostics help ensure every label is printed at the optimal quality. Genuine supplies tested and designed to work optimally with the engine also help ensure consistent, high quality output.

Barcode Inspection

Does your barcode label output meet your customer's requirements? ISO grading standards for barcodes is one way to check. Our integrated ODV-2D barcode inspection system is available on the T8000 and T6000e models. Both models not only read and grade the barcodes but are fully integrated in the printer. It can back up and overstrike a label with barcodes that do not meet the grade threshold, and automatically reprint. No operator intervention is required, no external scanners, servers, monitors, or keyboards, the footprint is minimal, and setup is simple.



Manage Your Printers Remotely

Centralized IT services help maintain worldwide consistency and coordination. Actionable information is critical to operational intelligence, highlighting the importance of collecting device information and managing assets centrally.

PrintNet Enterprise (PNE)

PrintNet Enterprise is a full-featured, remote management software application available at no charge. In addition to a dashboard view of all printers, there are numerous tools for printer configuration management, file management, diagnostics information capture, sensor profiling, and even a virtual control panel that allows you to maneuver through the control panel as if you were in front of the printer. You can also access comprehensive information in real time through the PXML messaging schema including device, job, label, barcode, RFID status, grading, and specific details about your application. These features help ensure operational consistency and reduce downtime.

SOTI Connect

All Printronix Auto ID printers are enabled for SOTI Connect IoT Device Management software, available on a subscription basis. This cloud-based application enables remote management using any platform (such as Windows, Android, iOS) with a web browser. SOTI Connect is a full-featured device management application with a dashboard view, groupings, and access to device details and settings. It includes the ability to push files such as firmware and configurations and has a rich rules engine and data collection capabilities for deep usage and performance analysis.



Prevent Downtime

Our Enterprise printers are engineered to be tough on the outside and smart on the inside. Proactive notices and warnings alert you of issues. Instant rapid device replacement is available to keep your operation moving in the event of a device failure. Our Quick Change Memory Cartridge (QCMC) retains the identity and network settings of an out-of-service machine and transfers those settings to a replacement printer in the time it takes to power up the unit. This simple task can be handled by the printer operator, leaving the IT administrator to work on more critical tasks.

Preventing downtime also means avoiding unnecessary outages for consumable changes. With our premium model printer, the 625m ribbon capacity is over 45% longer than the industry norm of 450m, reducing operator intervention. Our long-life thermal print heads are easily replaceable, without tools, by the operator, eliminating service calls.

Enterprise Features



Built-In Security

Security features on the printer help prevent changes or actions by unauthorized personnel that might result in compromised output or devices which could impact critical operations.



Multi-Connectivity Options

Wired and wireless connectivity options with advanced enterprise-level security features ensure easy integration into existing networks and provides an upgrade path for future changes to protect your investment as your requirements or environment change.



Interchangeable Print Resolutions

Seamlessly swap between 203, 300, and 600 dpi thermal print heads to meet a wide range of current and future application requirements without the use of tools or changes to the hardware or firmware.



UHF RFID Encoding

Our wide range of UHF RFID-enabled printers feature industry-leading performance and capabilities. Support for standard smart labels, on-metal and other tag types, automatic RFID label calibration, and advanced cryptography commands.



RFID and Barcode Inspection in a Single Device

With no other printer like it on the market, users gain the functionality of both RFID and integrated ODV-2D barcode label inspection in a single printer. These features can be installed at the factory, or on an existing device, helping ensure new demands can be met, protecting your initial investment.



Strong Technology Partner Community

From compatible applications and drivers to label software and warehouse management systems, our partners leverage our open architecture and advanced functions to build value-added solutions.



Advanced Customizations

A software development kit (SDK) and fully programmatic General Purpose Input/Output (GPIO) interface option enables integration ease with customer, partner, and other third-party applications.



Worldwide Support

TSC Auto ID has offices and distribution centers located around the world including North America, Latin America, Europe and Asia, and has a global network of service providers available and ready to support multinational enterprises.

Enterprise Printer Model Comparison Chart



| Model | T800 | T4000 | T6000e | T8000 |
|---|------|-------|--------|-------|
| Construction | | | | |
| Compact, small footprint | ✓ | ✓ | | |
| All-metal construction | | ✓ | ✓ | ✓ |
| Setup and Operation | | | | |
| Ease of installation | ✓ | ✓ | ✓ | ✓ |
| Ease of maintenance | ✓ | ✓ | ✓ | ✓ |
| Major printer language emulations | ✓ | ✓ | ✓ | ✓ |
| Advanced Features | | | | |
| RFID ready | ✓ | ✓ | ✓ | |
| Barcode Inspection ready | | | ✓ | ✓ |
| Remote Printer Management | | | | |
| PrintNet Enterprise at no cost | ✓ | ✓ | ✓ | ✓ |
| SOTI Connect enabled (license required) | ✓ | ✓ | ✓ | ✓ |

ODV-2D Series



T8000 ODV-2D

T6000e ODV-2D

RFID Series



T4000

T6000e

T800

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