



Features and Benefits Reference Table

TROY Exact MICR Technology (ExMT™) Feature	Benefit	TROY Advantage
TROY MICR and Enhanced MICR Audit	Reduces exposure to fraud and simplifies check reconciliation by allowing user to capture and print summary reports of all check runs.	An out-of-the-box, point-and-click solution for Windows environments, TROY's audit feature captures and stores the actual check data that is sent to the printer. No additional programming or software packages is required.
TROY Secure Encryption and Decryption	Allows users to protect sensitive information from unauthorized personnel by scrambling the data prior to sending it to the printer. Ideal for organizations operating in a networked printing environment or printing over the Internet. Reduces exposure to fraud.	TROY MICR Secure Ex printers provide customers with everything needed to encrypt and decrypt confidential data. Two encryption algorithms are included - Two-fish and DES3 - allowing users to choose their preference. No additional software purchase required.
TROYmark™ Intelligent Anti-Tampering Technology	Provides protection to the check issuer after the check has been distributed. Reduces exposure to fraud by making document alteration significantly more difficult.	This exceptional security feature available only from TROY, creates a unique, user-defined "watermark" on each check using variable information captured directly from the check data-stream.
ExPT™ – Exact Positioning Technology	ExPT™ allows simple, precision placement of the MICR line or document image to ensure readability at the reader/sorter. Saves users time and money by eliminating the need for complicated reprogramming as well as reducing costly bank charges for handprocessed MICR documents.	TROY is the only MICR solutions provider that allows this type of functionality at the printer. ExPT™ requires no additional software and ships standard with all TROY Secure Ex printers.
Secure 3-Position Keylock	The 3-Position MICR Keylock protects users from check fraud by refusing unauthorized access to MICR resources.	TROY's exclusive 3-position keylock provides an additional layer of security not offered by other MICR vendors. Protects users in the event that unauthorized personnel have fraudulently obtained passwords.
Paper Tray Security Locks	Reduces fraud and saves organizations money by physically denying unauthorized access to paper input trays.	A standard feature on all Ex Secure printers, and another TROY industry first.
User Names and Passwords	Allows tight control of check printing operations by allowing only authorized users to print a check run. Reduces fraud and simplifies reconciliation.	A standard feature on all Ex Secure printers, this easy to use feature requires no additional software purchase.
Auto-Protect Font	Protects organizations against fraud and/or operator error in the event that a check run is intentionally or accidentally sent to a non-TROY printer.	Exclusively available from TROY, this unique security feature is standard on TROY Secure Ex printers.
Factory Configured MICR Mode	The three different factory settings allow users to chose the ideal product configuration depending on their application requirement and printing environment.	Ex printers are manufactured to match the customer's needs so that when the product arrives it can be easily installed and put into production.
Secure Signatures and Logos	Protects organizations from misrepresentation and fraud by restricting access to printer-resident signatures and logos.	TROY provides a secure area in the TROY MICR Secure Ex printer that allows ease of management for printer resources.
Based on HP LaserJets	TROY MICR Ex printers easily integrate into environments operating on the HP platform, providing ease of installation. HP printers are consistently ranked #1 in terms of user satisfaction	TROY maintains a close partnership with Hewlett-Packard, leveraging proven HP technology, and providing in-depth technical support and field maintenance options.

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Password-Protected Control Over MICR Mode	Protects organizations from fraud by denying unauthorized access to MICR resources by requiring the use of a user-defined password to initiate MICR mode. Without the password the printer will deny access to secured resources such as signatures and logos.	Unlike some other manufacturers, TROY provides a password system that is not rendered inoperable by user error or forgotten passwords.
Disable Jam Recovery	Protects organizations against fraud and saves money by disallowing the printing of duplicate checks. Duplicate checks can result in significant cost for an organization due to fraud and/or reconciliation efforts that take place as a result of double payments.	TROY disable-jam recovery allows users to protect themselves during the MICR printing process without making wholesale changes to the overall printer functionality.
Automatic Density Settings	Automatic density setting allows users to maintain consistent MICR quality and signal strength, ensuring overall success at the reader/sorter. Provides substantial savings to the organization by virtually eliminating post-processing bank charges.	The intelligence of TROY MICR takes responsibility for the print quality of every print job. TROY printer programming locks in the correct density setting whenever the printer enters MICR mode and can NOT be changed during the course of the check run.
MICR Toner Sensing	Disallows the printing of MICR documents when a MICR toner cartridge is not present in the printer. Provides significant savings to an organization by eliminating bank charges for returned or handprocessed checks.	TROY provides multiple levels of user-defined toner sensing. Users may set printer to sense for MICR toner "always" or only when a TROY MICR font call is made.
Toner Low Notification and Response	Toner Low Response maintains the highest quality of MICR quality by preventing the printing of checks that would most likely be rejected at the reader/sorter, resulting in considerable savings in post-processing bank charges.	TROY's toner low notification feature is linked to the intelligence of the TROY MICR Ex printer. In toner-low situations, the printer stops until the user can replace the artridge, and then resumes check printing without loss of data.
Control Panel Password	Provides enhanced security and maintains optimal quality by preventing unauthorized changes to printer settings.	Unlike some other manufacturers, TROY provides a password system that is not rendered inoperable by user error or forgotten passwords.
Tray Mapping and Electronic Paper Tray Locks	Eliminates the need to reprogram applications and allows user flexibility to change for future requirements. Also provides additional security by only allowing access to specified paper trays to authorized users, preventing them from mistakenly printing on check stock.	Allows users to quickly and easily map paper trays on new TROY MICR Ex printers to match that of legacy applications using TROY's Windows based Ex Printer Utility.
TROY MICR Fonts E13-B, CMC-7, OCR, Convenience Fonts, and Security Fonts	TROY's precision-engineered, printer-resident fonts are ABA/ANSI compliant, providing TROY users with the lowest check reject rate in the industry.	Each TROY MICR font is designed to be printer specific rather than "one size fits all". TROY also includes specialized "secure" screen fonts for use during check design.
TROY MICR Toner	Each TROY MICR toner is uniquely designed for use in a specific TROY printer. Taking into consideration such variables as printer speed and fuser temperature, TROY's meticulous quality control and continuous testing ensure unparalleled toner adhesion and image quality.	TROY is the largest MICR toner manufacturer in the USA and precision-manufactures the highest quality MICR toner cartridges for laser printers. TROY always uses premium quality toner cartridges.
MICR Quality Test Pages	Ensures high quality MICR output by allowing users to verify correct installation of MICR fonts and support files. TROY quality saves users money by providing the lowest reject rate in the industry.	TROY's series of quality test pages are printer-resident providing customers with quality and support information for the life of the printer. Includes contact information for the TROY MICR Technology Center, one of the nations top resource centers for MICR information.
Getting Started Guide and MICR by TROY CD	Provides customer with ease of use.	TROY Ex printers ship complete with everything needed to print high quality MICR documents including encryption functionality, MICR toner, MICR fonts, document security and data capture & reporting features.