MICROTRONIC US
cashless systems
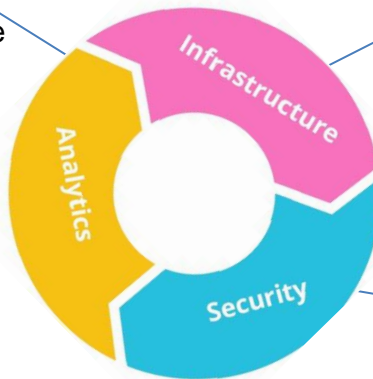
Capability Statement

Convenience drives the Vending industry and the biggest challenge operators face today is enabling consumers to pay at their vending machine with any payment options available to them. With over 50 years experience in the payment industry, Microtronic is at the forefront of innovation when it comes to new technologies and products targeted to increase end-user satisfaction. Advanced capabilities of online and offline options satisfies requirements of both flexibility and security.

Analytical visibility

Whether online or offline, we provide complete sales data for full accountability as well as offer customer interaction.

Infrastructure is essential

We assist in the design of required payment technology structures with secure online and offline systems. Our offline system is most widely used in Corrections for visitor vending.

Security in payments

Security should always be the first and last thing in payment technology. All our products feature device protection, server protection and premier defense.

Infrastructure · Analytics · Security

STATE OF IOWA DEPARTMENT OF CORRECTIONS

COMPASS GROUP®

FIRSTCLASSVENDING

TENNESSEE BUSINESS ENTERPRISES

"Tennessee Business Enterprises has worked with Microtronic US for more than two years. They have consistently provided prompt and effective assistance. From helping develop our budget to installing the product we have been very pleased with the level of support we've received." ~Mark Taylor, Business Consultant 2

MICROTRONIC US utilizes Mifare Classic, Mifare Plus and Desfire which are the most widely installed "Smart Card" technologies for offline closed environments. More than 4 billion smart cards and more than 5 million reader components are in use globally. MICROTRONIC US has a huge worldwide customer base using the existing MICROTRONIC Mifare solution which is especially designed for in-house vending. Mifare conforms to the international ISO 14443 RFID.

The offline system is based on a RFID "Smart Chip" inside which holds the memory of the user and their money.

A card reader that fits directly over the bill validator to accommodate cash and credit card as well as phone payment acceptance in a single payment terminal. Models incorporating a built-in antenna so operators can avoid needing to drill additional holes in the machine, all while cutting down on installation time.

Benefits . . .

- Compact, yet robust design – all Contactless - NO moving parts!
- MDB interface with machine, coin acceptor and bill validators – plug & play.
- Multiple integration into all aspects of any company, large or small.
- Wider variety of end user media to choose from.
- Each media can have 4 different price points.
- Fewer service calls due to less work by changer and bill validators.
- Cashless vends are much faster which means shorter lines.
- Less counting at the back office.
- Discount prices can be used with Cashless purchases.
- Money can be loaded directly at the vending machine or can be Payroll Deducted or at a separate Loading Station with cash and/or Credit and Debit Cards.
- Management can give "electronic" tokens or add money to anyone or any department.
- Cashless vends are still active when change machines go down.
- Less inventory in Change machines needed or no Change machines.
- Special Time Windows can allow discounts or free vends for early attendance, holiday workers, safety awards, etc. They can also be used to add money daily, weekly, or monthly automatically.
- Price increases can be done in pennies instead of nickels.
- Integration into POS, Micro Market, Access Control, Time / Attendance

POS

READER COMPONENTS

MBH on the Outside   **MICROpay6 on the Inside MDB**

Mifare

Only with MICROTRONIC can you incorporate Vending, Access Control, Time/Attendance, Photocopiers, Cash Registers, Lockers, Kiosks, with so many choices, including ID Badges.

MICROTRONIC US.....to always be one step ahead!

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