



PRICING QUOTATION

Date	Quote #
2022-01-04	2201

4600 North Hiatus Road

Sunrise Fl.

33351

Phone 1-800-462-2529

Requested By: Village of Homewood
2020 Chestnut Rd.
Homewood, IL
60430

Re: Requested Tango Quote
Attn: John Scheaffer
Phone: (708) 206-2901
E-Mail: jschaefer@homewoodil.gov

COST DATA

Retail

ITEM	QTY	PART #	DESCRIPTION	Sugg. Price	TOTAL
1	3	46PD0651000	mkTango - Pay by Plate, Card/Solar operation	\$6,300.00	\$18,900.00
2	3	15MM5000425	NFC Reader (Near field Communications Optional)	\$530.00	\$1,590.00
3	1	99-GATEWAY	Gateway Set Up	\$295.00	\$295.00
4	36	99-GHNSERV	Gateway Monitoring and Notification Services (Billed annually in advance)	\$55.00	\$1,980.00
5	1	70TK0000055	Box (5) Paper Rolls (~3000 tickets per roll)	\$300.00	\$300.00
6	1	99-INTGENE	Integration to Genetec	\$3,000.00	\$3,000.00
7	3	Shipping	Shipping	\$165.00	\$495.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
Total					\$26,560.00

THANK YOU FOR YOUR REQUEST FOR QUOTE / ESTIMATE
WE ARE PLEASED TO SUBMIT THE ABOVE FOR YOUR CONSIDERATION

Valid through: 2022-03-05 Thereafter subject to change without notice.

Taxes:

Terms: Net 30 days from date of delivery. Overdue accounts will be charged interest at 1.5% over prime.

Delivery: FOB: Homewood, IL

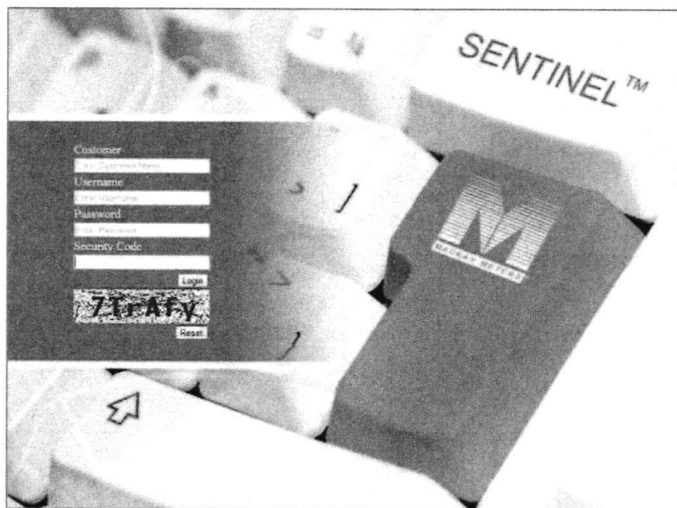
Warranty: 1 yr.

By: J.W. (Jim) Taylor

Title: Business Development Manager

SENTINEL™

Meter Management System



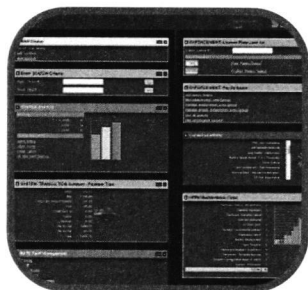
Sentinel™ Meter Management System



Key features:

- Browser driven application
- Secure web interface
- Supports both wireless single space and multi space meters
- Allows for remote monitoring of key components for maintenance purposes
- MAP Display allows for geographic searches and reporting of meters
- Choose from a variety of pre-designed reports for transaction and audit data
- Provides an interface to export data to other applications including Microsoft® Excel® or Adobe® Reader®
- Role based user access
- Remote Alert Notification for quick communication of meter alarms
- Maintenance tickets to assign tasks online and manage your resources better
- Tariff editor allows administrator the ability to change meter rates remotely
- Pay by Space and Pay by Plate enforcement reports that are viewable from any Internet enabled device, including cell phones
- Flexible packages for basic and advanced user needs

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Customizable Dashboard



Interactive MAP Display



Multiple Reporting Options



Real Time Alert Tools

www.mackaymeters.com

System Administration

The system administration feature gives the administrator control over the set up and specifications of the meters. Features include:

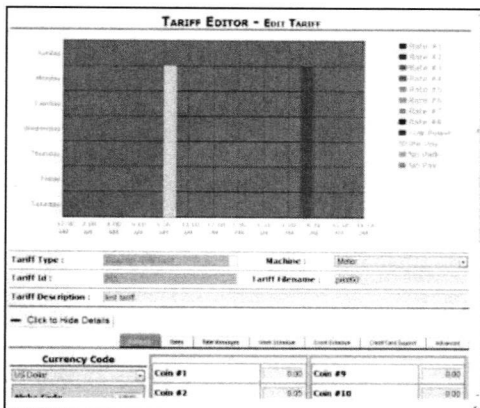
- Display Configuration for Single Space Meters
- Dashboard Configuration
- Alert Codes
- Add User to Sentinel™ Meter Management System (MMS)
- View / Edit Users

Email Management

Allows administrator to decide which users will be notified when alerts happen from single space wireless meters or from multi space meters.

Rate / Tariff Management

Allows administrator to build, modify and deploy rate/tariff files remotely to the wireless single space and multi space meters. Rates can be sent to a single meter or to a group of meters.



Resource Management

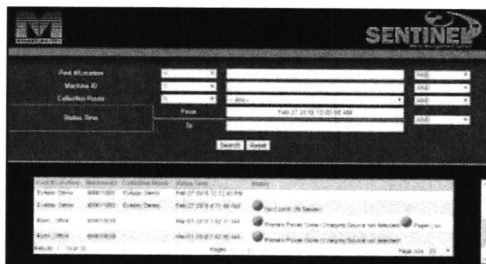
Control of resources at a glance by providing a place to add and manage resources such as collections, maintenance and enforcement. In resource management, the administrator can assign jobs to particular resources and also view a list of active and completed assignments. Features include:

- Add Resource
- Manage Resource
- Add Maintenance Code
- View / Edit Maintenance Codes
- View Maintenance Tickets

Meter / Post Management

In Meter Management, users can view each individual meter and see the Unit Info, Status and location for each. From this menu, detailed histories, reports, and maintenance tickets can be viewed or assigned. Features include:

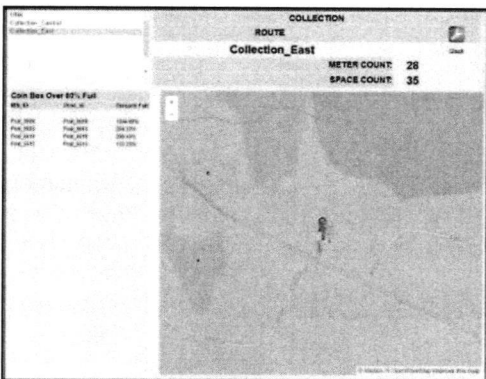
- Add / View Meters (single space and multi space)
- Add / View Zones (for grouping meters)
- Add / View Inventory (meters not yet deployed)
- View transaction reports, occupancy reports, audit reports, reconciliation reports
- View alert history and maintenance history



MAP Display

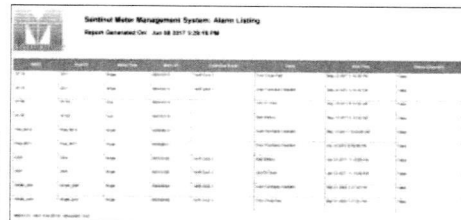
With the MAP display feature, the user can search for a specific meter or a group of meters using the digital map interface. Each meter is represented by an icon that can be selected to show detailed meter information. Display the meters in a traditional mapping view or switch to the satellite photo for a bird's eye view. Features include:

- Launch MAP Display
- Add Location (map coordinates for displaying meters on digital maps)
- View Locations (edit map coordinates)



Current Alarms

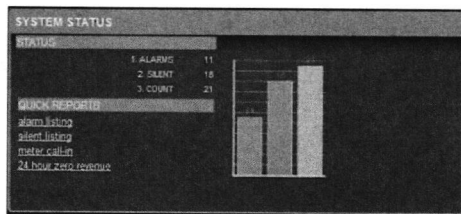
The Current Alarms application provides an up-to-date report on any alerts that have been sent from the meters to Sentinel™ MMS. The report lists the alerts currently active along with a graphic breakdown of the types of alerts. A hyperlink takes the user to a detailed report with links to the meters requiring attention.



System Status

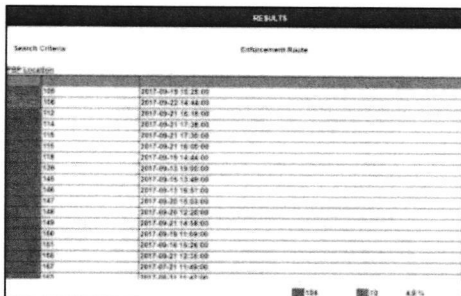
The System Status report features several reports designed to alert the user of silent meters. Silent meters cannot communicate alerts to Sentinel™ MMS due to communication problems. Reports include:

- Silent Listing
- Meter Call-in
- 24 Hour Zero Revenue



Pay by Space / Pay By Plate

The Pay by Space and Pay by Plate applications allow users who have pay stations in those configurations to setup, view and enforce parking using Sentinel™ MMS. A mobile app is also available for enforcement.



Head Office:

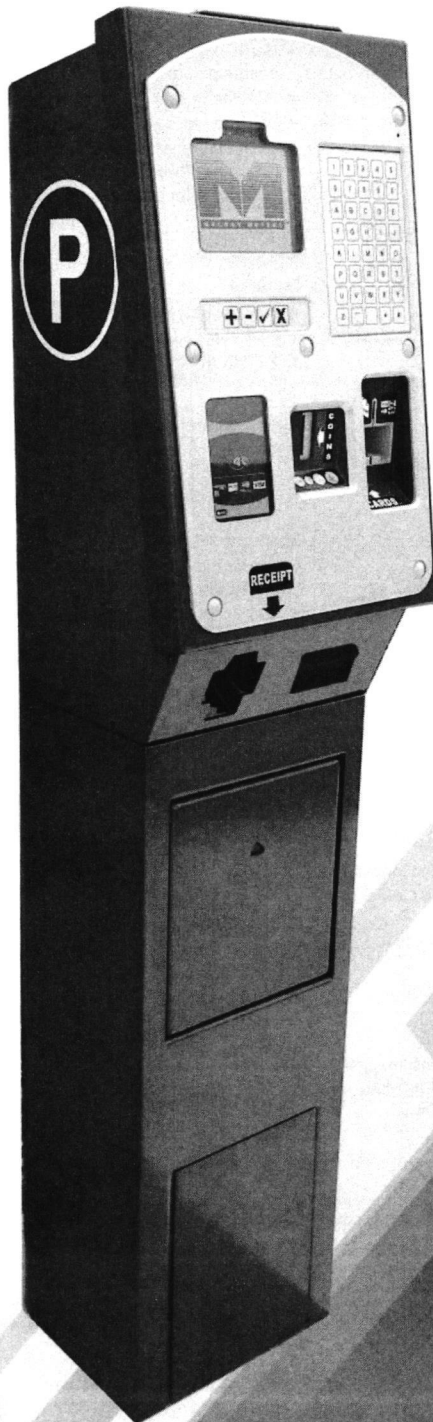
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Fax (902) 752-5955

Mackay **TANGO™**



Mackay TANGO™



Key features:

- High strength stainless steel keeps it secure and rust free.
- Flexible, modular design that is easy to upgrade, service and maintain.
- Powerful off-site monitoring capabilities by adding a communications kit and Sentinel™ Meter Management System. Monitor your equipment remotely, generate reports, and receive alerts, no matter where you are.
- Comprehensive and easy-to-use configuration menus.
- ADA Compliant.
- Features a large Liquid Crystal Display with back light, capable of displaying graphics.
- English? Español? Français? The multi-language capability allows users to select the language of their choice to carry out transactions.
- Optional credit card payment. Offer end users security, convenience, and reject fraudulent payment. Use MacKay's On-line Real-time Credit Card Approval feature utilizing secure PCI compliant electronic payment processes.
- MacKay Meters backs its product lines with a solid warranty based on the confidence in the quality of its products.

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www.mackaymeters.com

SPECIFICATIONS

GENERAL SPECIFICATIONS

Environmental

- Extended operating temperature range¹: -30°C (-22°F) to +50°C (+122°F)
- Humidity: Up to 95% RH (non condensing)

Cabinet Materials, Dimensions & Weight

- Welded reinforced Grade 304-2B stainless steel (9 gauge carbon steel equivalence)² for cabinet and doors
- Aluminium front with Lexan® display covers for the LCD screens, rate/instruction plate, LED panel and site branding display
- Overall dimensions: 1359 mm (53.5 inches) (H) x 315 mm (12.4 inches) (W) x 349mm (13.75 inches) (D)
- Weight (without battery) 72 Kg (160 lbs)

Power Supply Configurations/Options

- Solar powered with commercially available battery
- AC Single Phase, 110/120VAC, 50/60 Hz

Communication Options

- Cellular wireless technology supporting GPRS or CDMA modem³

Payment Systems

- Coins
- Tokens (optional)
- Credit cards utilizing secure, on-line real-time PCI compliant processes (optional)
- MacKay Smart (Chip) Cards (optional)
- Cell phone payment (optional)

Ticket Printing

- Thermal printer offers alphanumeric printing in various fonts and languages

COMPONENTS

Display

- High contrast, color, sunlight readable, 320 x 240 pixels graphics LCD
- Viewing area 114mm (4.5 inches) x 89mm (3.5 inches)

Coin Acceptor

- Programmable: Accepts up to 16 coins or tokens
- 3-coil design provides accurate coin reads and long life.
- Straight drop coin chute allows for superior detection and removal of foreign objects.
- High security, stainless steel coin box that holds 4.2 L or approximately 2400 US quarters.
- Escrow and coin return holds up to 50 quarters

Card Reader (Optional)

- Single slot, dual mode card reader captures magnetic stripe (ISO 7810/11) credit card data, and provides an ISO 7816 interface for smart card acceptance
- EMV upgradeable

Keypads & Buttons

- Alphanumeric keypad
- Vandal resistant and rated for resistance to impact, shock and vibration to MIL standards
- Sealed against ingress of water and dust to IP67, and designed for exposed outdoor and extreme environmental conditions

Printer

- Heavy-duty printer head with minimal moving parts ensuring quality, reliability and endurance
- Print life of over 20 million character lines
- Designed for high-resolution printing
- Guillotine type cutter with full or partial paper cutting options (software selectable)
- Accessible for ease of maintenance

FEATURES

Security

- High security locks for cash box, cash vault, and main door
- System monitored access sensors on main and vault doors and sensor detecting presence of cash box

Audit and Statistic

- Remote monitoring of grand totals and subtotals for coins and card transactions per type
- Full or quick audit tickets are software selectable

Maintenance

- User-friendly graphic interface tools for diagnostics, configuration and editing
- Easy access modular design

Web-Based Hosted Sentinel™ Meter Management System

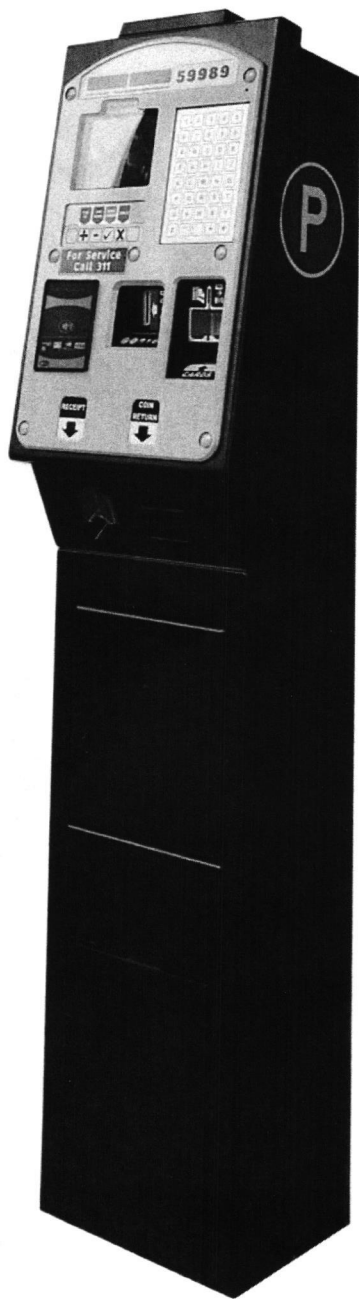
- Remotely monitor and generate audit, transaction and occupancy reports for all on-street equipment using a web browser and secure web portal
- Generates a variety of reports including grand totals and subtotals for coins and card transactions per type, which can be exported as PDF or CSV files, or imported into other applications

Warranty

J.J. MacKay Canada Limited, the manufacturer, guarantees for a period of one year from the date of shipment against defects in workmanship and/or materials.

As our policy is one of continuous product improvement and development, we reserve the right to alter product specification and design.

Photos are representative; product appearance may differ.



95LT0000700TANGO-v9-03/19

[1] All MacKay Tango™ components are operational within this range. Standard sealed lead acid battery operational temperature rating is from -20C (-4F) to 50C (122F) when charging, and from -20C (-4F) to 60C (140F) when discharging.
[2] Independent laboratory tests indicate that all things being equal, a component made of 11-gauge 304-2B stainless steel, would have equal or greater tensile strength, shear strength and malleability, as compared to the same component made out of 9-gauge carbon steel.

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