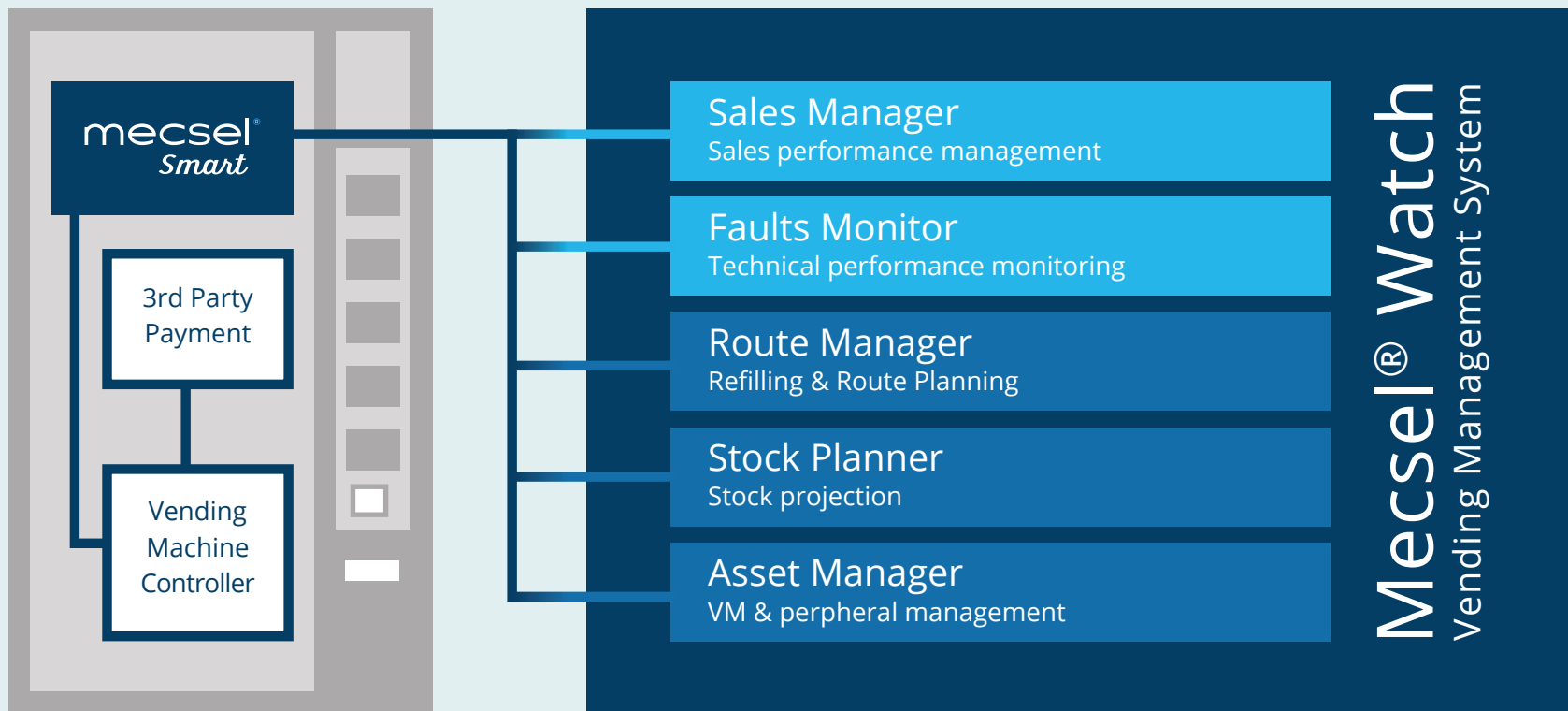


A close-up photograph of a person's hand pressing a button on a dark grey vending machine keypad. The keypad has a 4x3 grid of buttons with numbers 1-9, 0, *, and #. The background is a blurred blue-grey.

mecsel
SMART PAYMENT SOLUTIONS

MECSEL® WATCH TELEMETRY

The Next Generation Telemetry Solution for Unattended Vending



Competition strikes from all directions and costs are on the rise. More than ever, vending operators are required to fine-tune their operational processes to optimise efficiency and remain profitable while ensuring that consumers are attracted by up-to-date offerings.

THE NEXT GENERATION TELEMETRY SOLUTION FOR UNATTENDED VENDING

Telemetry, by means of remote monitoring, is a fundamental component of today's vending operators' business model. Telemetry allows vending operators to collect information on sales volume, stock availability and working status of their field-base –among others- in real time.

The very immediate benefit of deploying Mecsel® Watch Telemetry over vending machines is that the operator's decision-making process is fed with great accuracy and in a timely manner. Telemetry, in conjunction with sound execution of preventive and corrective actions, can significantly improve your vending operations.

MECSEL® WATCH TELEMETRY

Mecsel's telemetry solution is designed to provide vending operators with a scalable platform to help tackle the most relevant operational issues and increase profits.

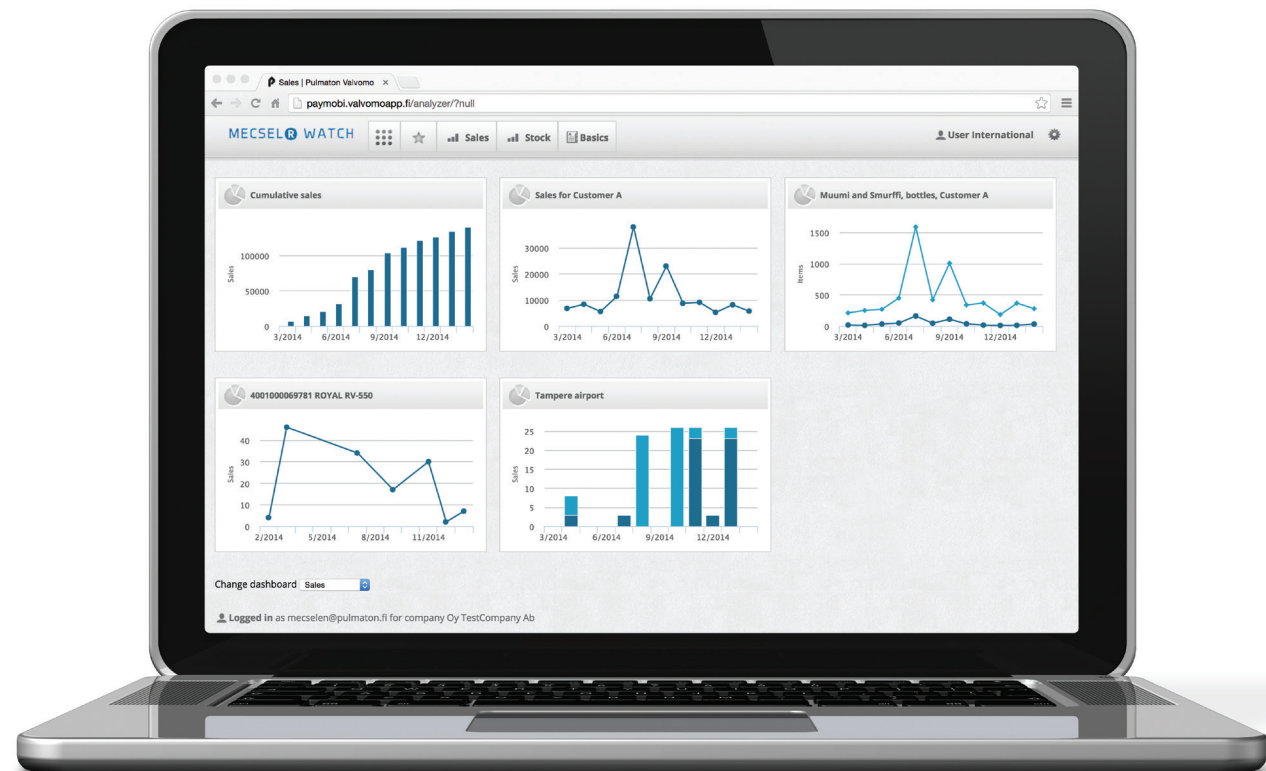
At the core of this platform there is Mecsel Smart -one of the most advanced telemeters in the market-. Thanks to its powerful embedded MDB engine, Mecsel Smart is capable of establishing "plug-and-play" communications with the vast majority of MDB and EXE vending machines, minimising the intervention of personnel at setting-up and maintenance.

- Greater Sales and Consumer Loyalty by improved machine uptime
- Connect to the Consumer by knowing their preferences
- Allows more accurate and timely decision-making
- Greater Profits by better control over cash shrinkage
- Greater operational efficiency by focusing on core activities

DESIGN YOUR OWN DASHBOARD

Customized appearance of the most important data in a user friendly format enables:

- Graphical and table presentation
- Wider user base in different departments like sales, administration, refilling and service
- Triggering alarms
- Combination of data from different Mecsel online servers into one presentation
- Report generator administered by the user
- Safe read only data handling



Mecsel Smart plugs into the vending machine's DEX port on MDB or to MDB peripheral on EXE configuration. The telemeter reads the DEX file and transmits it to a handheld device or to a remote server. The data is organised, stored and processed by Mecsel® Watch. The software application then creates reports as required. These reports can be exported to feed into operators own enterprise business application.

SALES MANAGER

Sales Manager runs reports on the historical data stored on Mecsel server. These reports provide operators with a powerful insight to sales performance at particular vending machines, groups of vending machines or the entire vending fieldbase.

By analysing historical sales data, operators can identify the best-selling products and their volume by location.

Vending machines can be restocked with products that deliver greater sales performance.

Sales Manager also provides accurate and reliable trail of cash of each vending machine hence minimising cash shrinkage.

FAULTS MONITOR

More often than thought, consumers do not buy from vending machines because products are sold-out, machines are switched off, or payment mechanisms are malfunctioning. How long does it take for operators to realise of events that prevent greater sales? How many vendes have been lost until issues are corrected? Telemetry warns vending operators of these unwanted events in real time so, issues can be promptly tackled and corrected, resulting in less machine downtime.

By “eavesdropping” on MDB communications, Mecsel Smart is capable enough to trigger alarms following certain programmable parameters. According to the severity and nature of the alarms, Mecsel® Watch Telemetry can report these to specific recipients in near real time.

Mecsel® Watch Telemetry can further detail such alarms by interpreting the corresponding DEX file.

EXAMPLES OF THESE ALARMS ARE:

- Bill/cash box is full
- Bill validator path jammed
- Excessive fraud bills detected
- Coin mech dispenser is jammed
- Cloud-based, advanced, powerful and intuitive
- ARM9 processor, 32MB RAM, 64MB Flash memory database management and GUI platform
- Real-time clock, embedded Linux 2.6
- Embedded Mecsel engine for greater
- 2 x MDB, 2 x USB host, USB device, 2 x RS232 communications performance
- 2 x MMC/SD, 2 X SAM/SIM, Smart Card Reader
- FW upgradeable to closed-loop vending
- Debug 232 port, JTAG debugger
- FW upgradeable to Mecsel's smart phone-based payment platform mePay®
- 24 VAC / 12~35 VDC



Mecsel Oy is a pioneering company in the field of mobile
phone-based payment systems for the unattended vending sector.
More than 7,000 Mecsel Smart units are currently in operation across the world.

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