



ASSET MANAGEMENT

Advanced asset monitoring and tracking of anything,
anywhere and anytime.

BENEFITS OF ASSET TRACKING



Reduce Cost



- Reduced operational costs
- Fewer breakdowns/reduced downtime
- Reduced product spoilage
- Prevent theft
- Increased asset recovery

Improved Operational Performance



- More efficient operations
- Automated processes/service
- Better and quicker operational decision making
- Locate assets faster
- Full system/chain management

Better Customer Service



- Improved product quality
- Increase sales/customer value
- Reduce out-of-stock / dilution of products



SOLLATEK TRACKING SOLUTIONS OFFERS



Condition Monitoring

Monitor key sensors to always ensure optimal environments, quality, usage, behaviour, and performance.



Theft Protection

Track asset location and movement to increase successful asset recovery. Options to movement notification or setting geofences.



Maintenance

Analyse asset health telemetry to check asset performance and proactively plan maintenance.



Field Support

Optimise personnel schedules by sending them only to assets that require attention.



Inventory Management

Track all assets to ensure they are in the correct place when needed and manage stock levels, so products never run out.



Control

Configure and update devices without visiting assets. Control external devices to make Intelligent systems to automatically maintain conditions/trigger security measures.



Error / Fault Alerts

Early notification of alarms to faults reduces downtime or serious harm to assets.



Customer Engagement

Push notifications/ promotions to the phones of nearby customers to help influence purchases at the point of decision making.



Flexible Solutions

A range of trackers ideal for incorporation within assets or retrofitting that can operate independently or be integrated with controllers or systems.



ALWAYS ON COOLERS - COLD DRINKS



Sollatek has been at the forefront of Always On Coolers for many years. Solutions range from advanced all-in-one controller & connectivity solutions to plug-in communication and tracking devices. Always On Coolers allow for new age cooler configuration and management with 24/7 access to operational, performance, and cooler health data which helps build better maintenance schedules, reduce downtime, and enhance sales for-casting and strategy building.

MAIN FEATURES AND BENEFITS

- **Cooler Health Report** - Ensure consistent cooler operation for product quality assurance
- **Sales Management** - Comprehensive sales and consumption analysis for store/product to ensure machines are stocked with the right products
- **Consumer Engagement** - deploy targeted messages to consumers at the point of purchase

- **Manage Fleet Operation** - automate re-stocking and create better scheduling to only attend coolers that require attention
- **Remote Monitoring on Web Portal** - Monitor all your refrigeration assets at any time, from anywhere with our mobile app or the web portal
- **Remote Diagnose Faults** - Early detection of potential problems & error codes to limit downtime
- **Accurate Asset Positioning** - increase asset recovery in the event of theft or unauthorised relocation. Block cooling and operation of coolers after a theft

SUITABLE FOR

- Cooler manufacturers
- Cooler suppliers and operators
- Cold Drinks multinational and local consumer goods companies



ALWAYS ON COOLERS - FROZEN GOODS

Sollatek commercial freezer tracking devices provide businesses peace and mind with accurate fleet management and the ability to reduce the loss of assets with precise location and movement alerts as well as monitoring freezer operating and sales performance.

MAIN FEATURES AND BENEFITS

- **Reduce Asset Loss** - Track freezer location in the event of theft to assist in successful recover
- **Product Quality Assurance** - Ensure consistent cabinet temperature to safeguard product integrity
- **Ensure Consistent Operation & Fleet Operation** - Manage multiple systems from a centralised location on the portal
- **Monitor Sales Performance** - Predict sales and gain customer insights to enhance future sales strategies

SUITABLE FOR

- Freezer manufacturers
- Freezer suppliers and operators
- Frozen goods multinational and local consumer goods companies



COFFEE MACHINES (BARISTA & BEAN-TO-CUP)

Our Coffee Machine IoT Solutions help businesses monitor and optimize their operation as well as gain valuable customer behaviour insight by providing remote, accurate measurements on coffee consumption and quality enabling proactive supply monitoring and restocking, as well as scheduled machine maintenance/error alerts, helping remove the guesswork around machine health and operating efficiency.

- **Remote Machine Health** - Ensure consistent operation and generate proactive maintenance schedules
- **Instant Alerts/Error** - Early detection for prompt repair to reduce machine downtime

SUITABLE FOR

- Coffee Machine manufacturers
- Coffee Machine suppliers and operators
- Coffee multinational and local companies

MAIN FEATURES AND BENEFITS

- **Monitor Coffee & Hot Drink Sales** - Review current market trends for better future sales strategy planning
- **Maintain Coffee Quality** - Ensure Bean exclusivity & protect Brand
- **Ingredients Level Reporting** - Check machines are fully stocked (bean to cup)



VENDING MACHINE MONITORING

Sollatek connected IoT systems provide remote control and monitoring of vending machines, allowing complete control and performance overview 24/7. Sollatek vending machine devices offer smarter working, with access to sales reports, operational data, error logs, and location tracking with the purpose of optimising vending machine operation, increasing operative efficiency with better scheduling, and minimising downtime with early fault detection.

MAIN FEATURES AND BENEFITS

- **Inventory Control / Stock Monitoring** - Always ensure machines are stocked with the right products
- **Payment Information** - Ensure successful sales and prompt cashbox emptying if full
- **Outlet/Item Sales Performance** - Enhance future sales strategies for store/product based on current sales
- **Direct Controller Integration** - Ensure consistent operation with remote monitoring on the web portal 24/7
- **Remote Diagnostics** - Get instant alerts/error codes for faults and ensure quick repairs
- **Location Tracking** - Increase asset recovery in the event of theft/relocation.
- **Combine with Fleet Management** - Smart refills, targeted salespoint visits, reduced overall operating costs

SUITABLE FOR

- Vending Machine manufacturers & distributors
- Vending Machine companies/operators
- Ingredients supplier Food / Drinks multinational and local companies



DRINK DISPENSER MONITORING - POST-MIX, SLUSH & BEER

Sollatek's drink dispenser tracking system monitors all aspects of operations providing real-time health monitoring and beverage performance data accessible on the centralized web portal to track brand/flavour sales performance, help ensure quality and product yield is maintained, and check equipment is working properly reducing waste and downtime.

MAIN FEATURES AND BENEFITS

- **Flexible Data Collection** - fully integrate with machine controllers/flow meters or monitor different parameters with specific sensors
- **Sales Performance Monitoring** - Comprehensive sales and consumption analysis for store/brand/flavour
- **Machine Health Report** - Ensure consistent cooler operation for product quality assurance

- **Inventory Control/Stock Reporting** - every drink poured is accounted for to reduce waste and restocking alert
- **Remote Monitoring on Web Portal** - Monitor assets at any time, from anywhere with our mobile app or online portal
- **Remote Diagnose Faults** - Early detection of potential problems & error codes to limit downtime
- **Location Tracking** - increase asset recovery in the event of theft or unauthorised relocation

SUITABLE FOR

- Machine manufacturers
- Food / Drinks multinational and local companies



ASSET TRACKING

When your assets are the key to your business' success, any loss of an asset or unexpected downtime can threaten not only the job at hand but profits and reputation. Sollatek offers diverse asset trackers suitable for a range of business areas including construction/ plant machinery to parcel/pallet shipping providing accurate location as well as movement alerts to help reduce asset theft and increase recovery success

MAIN FEATURES AND BENEFITS

- **Fleet Management** - asset inventory and management of all assets from a centralised location at any time and from anywhere via the online portal
- **Remote Health Monitoring** - Ensure consistent operation and review system status for informed maintenance scheduling
- **Movement Detection /Geofence Alert** - Set geographic boundaries and operation times
- **Accurate Asset Positioning** - increase asset recovery in the event of theft or unauthorised relocation
- **Remote Diagnose Faults** - Early detection of potential problems & error codes to limit downtime

SUITABLE FOR

- Shipping companies and Forwarders
- Courier and Parcel deliveries
- Heavy Machinery/plant companies



ENVIRONMENTAL/OUTDOOR MONITORING



Sollatek environmental trackers provide tracking, remote monitoring, and an early warning system for critical environmental and outdoor applications such as industrial greenhouses and aquafarms. The online portal allows remote visibility and performance analysis of all KPIs in real-time to help maintain optimal conditions within the ecosystem and prevent extreme environmental fluctuations which could harm, damage, or threatens your facility.

MAIN FEATURES AND BENEFITS

- **Remote Monitoring** - Review activities and performance of the system to ensure all environmental conditions remain constant
- **Remote Control** - Activate / deactivate equipment to modify operations accordingly.

- **Instant Alerts** - Early detection of changes to adjust operation to prevent significant changes or harm/damage.
- **Versatile and Customisable** - Measure an array of KPIs with multiple sensors and sensor types

SUITABLE FOR

- Farming, Agriculture
- Greenhouse remote monitoring
- Fish farming remote monitoring



HVAC MONITORING



HVAC is a major contributor to the maintenance and energy-related operating expenses of a property. Sollatek HVAC monitoring devices continuously track the energy consumption, performance, and health of heating, ventilation, and air conditioning units within a building with the purpose of reducing running costs and expensive downtime.

MAIN FEATURES AND BENEFITS

- **Remote Monitoring** - Ensure consistent operation and review system status on the web portal
- **Remote Configuration** - Modify operational parameters without a local presence to ensure system efficiency.
- **Centralise Management** - Manage and control multiple systems from a centralised location on the portal.
- **Instant Alerts** - Machine error codes and early diagnostics for prompt repair & maintenance schedule

SUITABLE FOR

- HVAC Equipment Machine manufacturers
- HVAC Equipment Operators and Service Companies



GMC1 - MULTIFUNCTIONAL TRACKING DEVICE



Advanced and versatile monitoring and tracking device that is suitable for use in almost any application where IoT is required. The GMC1 can be used as a standalone data collection unit with multiple inputs for an array of sensor types and can be connected to interface with other devices or controllers for a fully automatic system.

FEATURES

- 2G, 4G, Cat-1, Cat-M, NB-IoT and Sigfox available
- Wi-Fi for geo-location or connectivity
- 6 analogue/digital input sensors
- 5 V and/or 5 A relay output
- Powered from AC or DC supply

OPTIONS

- Embedded memory sizes
 - 16 Mbit
 - 32 Mbit
 - 64 Mbit
- Backup battery
 - 470 mAh - 8 months battery life*
 - 700 mAh - 13 months battery life*
 - 900 mAh - 16months battery life*
- BLE optional– for technical configuration & customer engagement
- GNSS (GPS) tracking

* Based on a daily transmission

APPLICATIONS

- Aftermarket Commercial Refrigeration
- Agriculture (greenhouse, fish farms & aquaculture)
- HVAC



GMC4 - ALL-IN-ONE PLUG-IN TRACKING DEVICE

An all-in-compassing asset tracking device for refrigeration and freezer systems with a Sollatek controller. The GMC4 operates as a mobile IoT gateway adding remote monitoring, configuration, and location tracking to advanced control.

FEATURES

- 2G, 4G, Cat-M, NB-IoT and Sigfox available
- BLE – for technical configuration & customer engagement
- Wi-Fi geo-location
- Powered from the host controller
- 750 mAh Rechargeable backup battery – 5 months battery life (weekly Transmission)
- 32 Mbit Embedded Flash memory – approx.65,000 events

OPTIONS

- GNSS (GPS) via an external device

APPLICATIONS

- Commercial Refrigeration
- Commercial Freezers



GMC5 - AFTER MARKET ASSET TRACKER

A battery-powered standalone asset tracking device that is suitable for almost any after-market tracking application where location is critical. Optional environmental and activity sensors provide key performance and health data and is configured to save power, to ensure long battery life.

FEATURES

- Standalone Device – easy installation – no wiring
- 2G, 4G, Cat-M, NB-IoT and Sigfox available
- Wi-Fi geo-location
- 10000 mAh Primary battery – over 10 years battery life with a weekly update
- Remote setting configuration and Firmware update Over the Air (FOTA)
- IP65 sealed enclosure

OPTIONS

- Internal Temperature Sensor
- Internal Door Sensor

APPLICATIONS

- Commercial Refrigeration
- Commercial Freezers



GMC8 - ADVANCED COFFEE TELEMETRY SOLUTION



An advanced remote monitoring and tracking device to optimise the management of commercial drinks machines. The GMC8 is suitable as a standalone device or fully integrated into systems with multiple sensor inputs and interfaces.



FEATURES

- 2G, 4G, Cat-M, NB-IoT and Sigfox available
- BLE – for technical configuration & customer engagement
- Wi-Fi and GNSS (GPS) for accurate geo-location and tracking
- Connects to external controllers supporting URAT, RS485 and RS232
- Connects to EVA-DTS interfaces
- 10 A relay output
- 9 input sensors (5 flow meters, 4 CT sensors)
- Powered from AC or DC supply
- 700 mAh rechargeable backup battery – 4 months battery life (weekly Transmission)
- 32 Mbit Embedded Flash memory – approx. 10,000 events

APPLICATIONS

- Barista and Bean to Cup Coffee machines
- Post mix
- Draught Beer Systems
- Vending Machines



CONNECTIVITY BENEFITS

EQUIPMENT SERVICES

TRACKING

Asset tracking simplifies monitoring and managing assets by providing instant notifications for unauthorised movements and asset transmission. It alerts you to potential losses and enables remote control and deactivation of cooling systems.

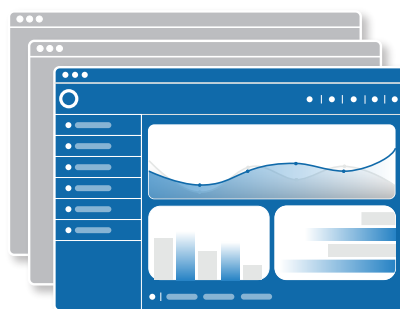


BENEFITS

- Maximise customer interaction time by minimising asset auditing time
- Prevent lost sales by responding to asset removal, relocation, or re-installation for new customers
- Streamline process by automating EAP creation, providing sales reps with advance notice and help prepare for customer discussions
- Prevent misuse by remotely deactivating assets

HEALTH STATUS

Get asset health updates by monitoring temperature changes that occur during sales periods as a result of frequent door openings. Track various operational data such as cabin temperature, power status, compressor running time and usage patterns.



BENEFITS

- Enhance customer satisfaction with faster service response from engineers while preventing lost sales through prompt intervention based on alerts provided
- Lower field technician costs by enabling remote issue resolution on-site
- Improve cooler model selection and optimize total cost of ownership (TCO) by capturing breakdown information

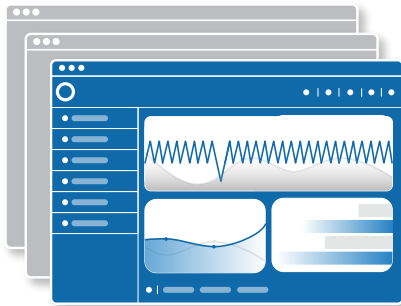


CONNECTIVITY BENEFITS

COMMERCIAL DEVELOPMENT

SALES PERFORMANCE

Monitor the productivity of coolers by setting thresholds for the number of times the doors are opened, taking into account the size of the cooler. Track the number of people visiting the store where the cooler is located to optimise cooler placement and size.

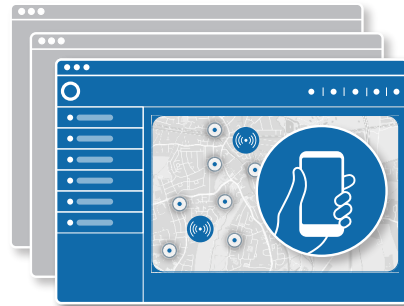


BENEFITS

- Track door openings at the environmental and segmentation levels to discover valuable insights and trends
- Enhance cooler placement and increase sales by relocating unprofitable coolers
- Monitor store-level sales to optimise sales promotions and marketing campaigns

CONSUMER ENGAGEMENT

Boost consumer engagement and create personalised experiences by leveraging the power of beacon protocols, which enable seamless communication between devices and facilitate the delivery of location-based services.



BENEFITS

- Real-time analytics track customer behaviour and enable focused promotional strategies and increase opportunities for boosting impulse purchases
- Activate promotions during peak hours that coincide with door openings, optimising marketing efforts





SOLLATEK'S EXPERTISE EXTENDS WORLDWIDE THROUGH LOCAL NETWORKS



HEAD OFFICE: SOLLATEK UK

MANUFACTURING FACILITIES: UK, EGYPT, THAILAND, CHINA.

LOCAL SOLLATEK COMPANIES: USA, MEXICO, TURKEY, EGYPT, NIGERIA, GHANA, KENYA, SOUTH AFRICA, INDIA.

STOCKISTS & DISTRIBUTORS IN OVER 60 COUNTRIES INCLUDING: GREECE, CYPRUS, POLAND, JORDAN, SAUDI ARABIA, ZAMBIA, MALAWI, UGANDA, TANZANIA, IVORY COAST, AUSTRALIA.



GLOBAL AND LOCAL

Established for over 40 years in the United Kingdom, Sollatek is a manufacturer of innovative products in temperature control, connectivity solutions, energy saving, power control, and solar energy.

Sollatek has a global reach with a local presence in over 50 countries including manufacturing facilities in Thailand, Egypt, China, and the UK. We have dedicated offices across 5 continents and ship products to over 120 countries around the world.

Sollatek offers innovative electronic temperature controllers, and connectivity solutions for all commercial and professional applications and verticals.

SOLLATEK UK LTD.

Tel: +44 (1753) 214 500

sales@sollatek.com

www.sollatek.com

Sollatek House
Waterside Drive,
Langley, Slough
SL3 6EZ, UK

ISO9001: 2015 accredited company

All weights and dimensions are approximate.
Specifications are subject to change without prior notice. ©Sollatek (UK) Limited 2023. All Rights Reserved. SOLLATEK and the SOLLATEK device are the trade marks of the Sollatek group of companies.

MBA	30/06/23
-----	----------

Tracker Brochure June 2023 v1
A/I: 10910942

