



Refrigeration and BMS Solutions for Food Retailers

Control and Monitoring



ACTIVEFM™

Enterprise Remote Monitoring FM Software

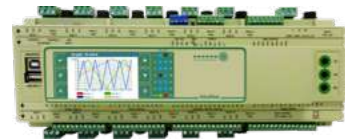
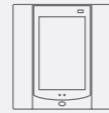
RDM's intelligent remote monitoring software provides complete facility and energy management. Automated predictive maintenance and incident handling as well as alerts ensure assets are protected. Its web-based dashboard offers user-friendly access.



DMTOUCH

Front-End Control and Monitoring

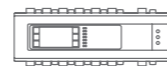
Based on open protocols, DMTouch allows for easy third-party integration. Remote dial-in access facilitates HVACR management. DMTouch's capability to store operating data for over five years supports regulatory compliance. Using data from metered consumables, the device provides consumption statistics and trends.



INTUITIVE

BMS and HVAC/R Control

Available in parametric and license-inclusive PLC software, Intuitive controllers provide energy regulation for plant, stepper and transcritical CO₂ applications. If used with expansion modules they can control over 600 points. Compact enclosure options are available for small food retail stores.



TDB

License-Free Programmable Logic Controller Software

Built-in as standard on Intuitive TDB and optional on DMTouch, the software license lasts for the lifetime of the hardware without annual fees. With free-to-download desktop editing software, users can create custom control algorithms. Free training courses and support are available to fully utilize TDB.



MERCURY

Refrigeration Temperature Control

Featuring on-device IP connectivity, Mercury controllers easily integrate with communication networks. They can generate alarms based on pre-set temperature parameters to support food safety compliance. Energy-saving features are included such as anti sweat control and defrost skip. DIN or panel mount options are available.



COLDROOM PANEL

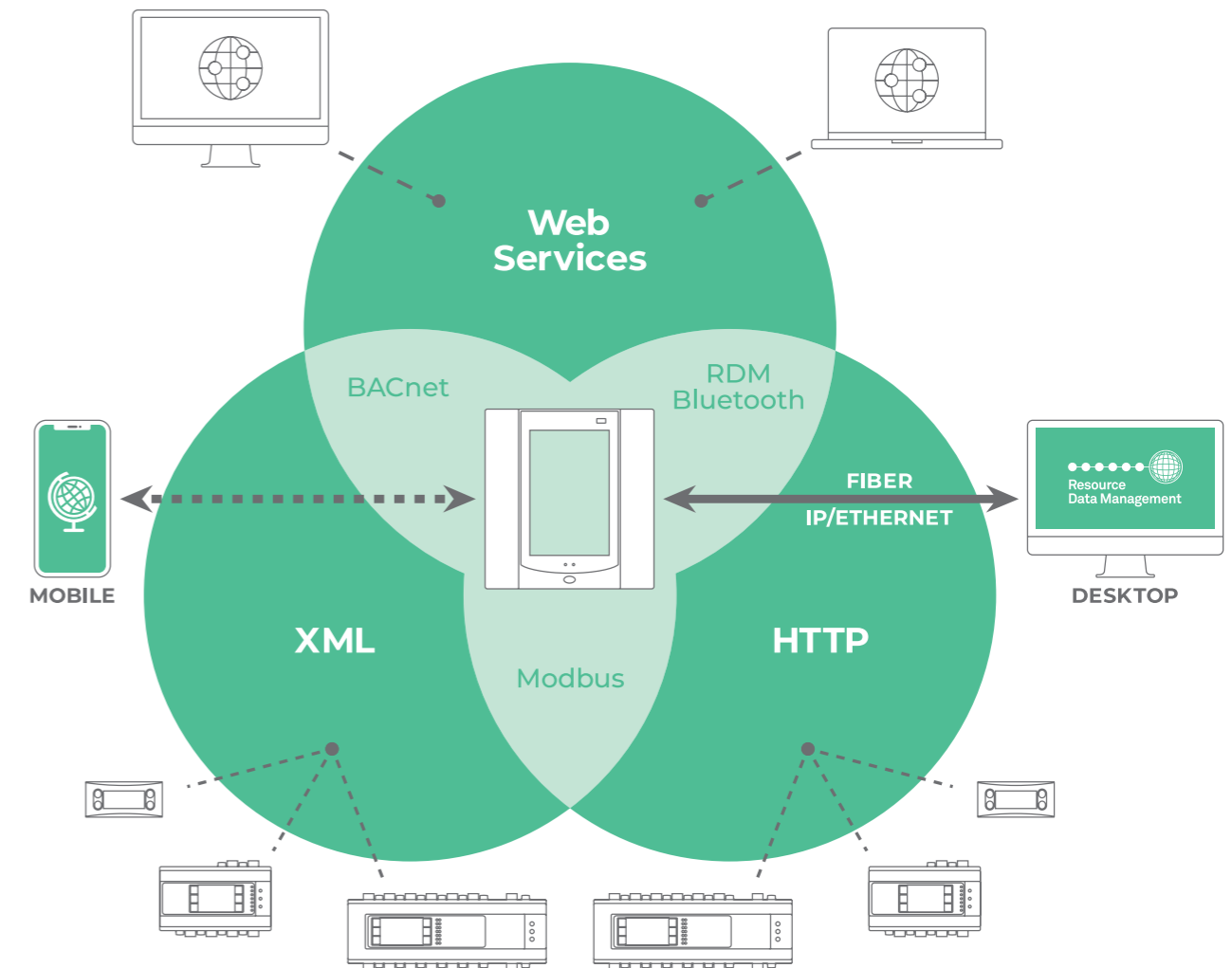
MT/LT Coldroom Control

Available as pulse EEV, LLV and Stepper variants, the Coldroom Panel is also compatible with many industry-standard valves. Energy-saving features include lighting, defrost and fan pulse control. Optional networking capabilities facilitate communication with existing devices.



IoT Integration & Networking Across Truly Open Protocols

Communication between RDM devices is based upon truly open protocols, using XML and HTTPS, to provide unmatched control and communication options. Offering fibre and Bluetooth options, in addition to industry standard options, our aim is to simplify the communication process to make it as efficient and cost-effective as possible.



Truly Open Protocols

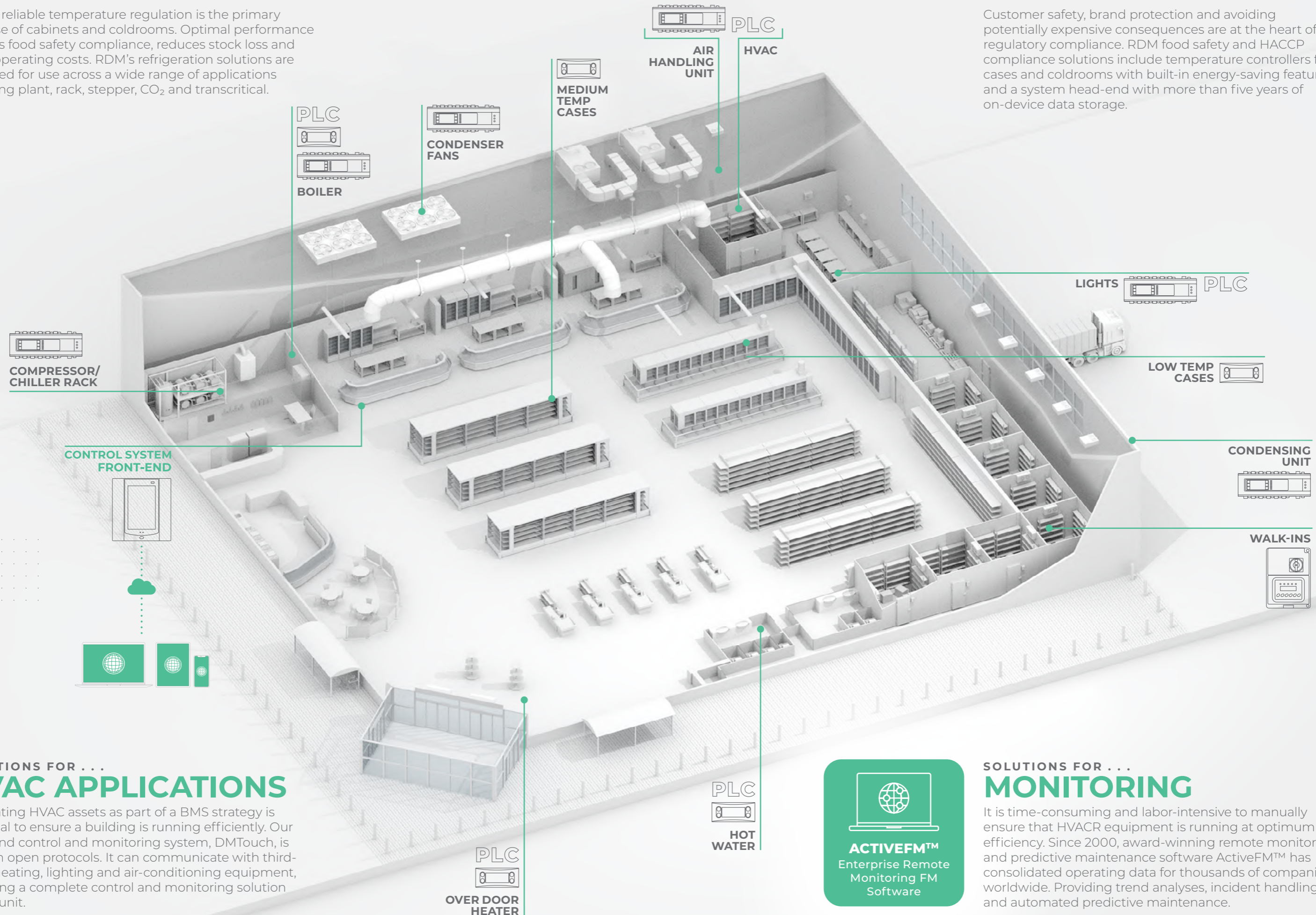
Non-Proprietary Protocols

IP, XML, and HTTPS are genuinely open. They have no hidden membership, license or activation fees. Overcoming the challenges presented by legacy investment, we provide the capability to communicate with existing HVAC and refrigeration equipment via non-proprietary networks including BACnet, Modbus, and LonWorks. Open protocol systems offer a higher degree of flexibility and don't lock users in.

- Open web-based format
- IP at device level since 2004
- No annual subscription or license fees
- Integrate with third-party systems
- Reduced cost of linking equipment on-site
- Reduced installation and set-up time

SOLUTIONS FOR . . . REFRIGERATION

Stable, reliable temperature regulation is the primary purpose of cabinets and coldrooms. Optimal performance ensures food safety compliance, reduces stock loss and saves operating costs. RDM's refrigeration solutions are designed for use across a wide range of applications including plant, rack, stepper, CO₂ and transcritical.



SOLUTIONS FOR . . . COMPLIANCE

Customer safety, brand protection and avoiding potentially expensive consequences are at the heart of regulatory compliance. RDM food safety and HACCP compliance solutions include temperature controllers for cases and coldrooms with built-in energy-saving features, and a system head-end with more than five years of on-device data storage.

SOLUTIONS FOR . . . HVAC APPLICATIONS

Integrating HVAC assets as part of a BMS strategy is essential to ensure a building is running efficiently. Our front-end control and monitoring system, DMTouch, is built on open protocols. It can communicate with third-party heating, lighting and air-conditioning equipment, providing a complete control and monitoring solution in one unit.

SOLUTIONS FOR . . . MONITORING

It is time-consuming and labor-intensive to manually ensure that HVACR equipment is running at optimum efficiency. Since 2000, award-winning remote monitoring and predictive maintenance software ActiveFM™ has consolidated operating data for thousands of companies worldwide. Providing trend analyses, incident handling and automated predictive maintenance.



Resource Data Management

Helping companies stay safety-compliant, protect assets and manage energy, we offer a range of over 500 hardware and software products for HVACR, building and energy control applications. Our solutions are used in many industries including food retail, building management, cold chain, food processing and many

more. Users have the option to monitor and control everything from a single component to building-wide energy use, across a national estate and devices worldwide.

As a pioneer in advocating open control systems at device level, our ongoing push for genuinely open protocols, including XML

and web services, has helped our customers save operating costs and optimize control strategies.

Founded in 2000, RDM has expanded over the past two decades. Represented in the UK, US, Malaysia, Australia and New Zealand, we support customers worldwide.

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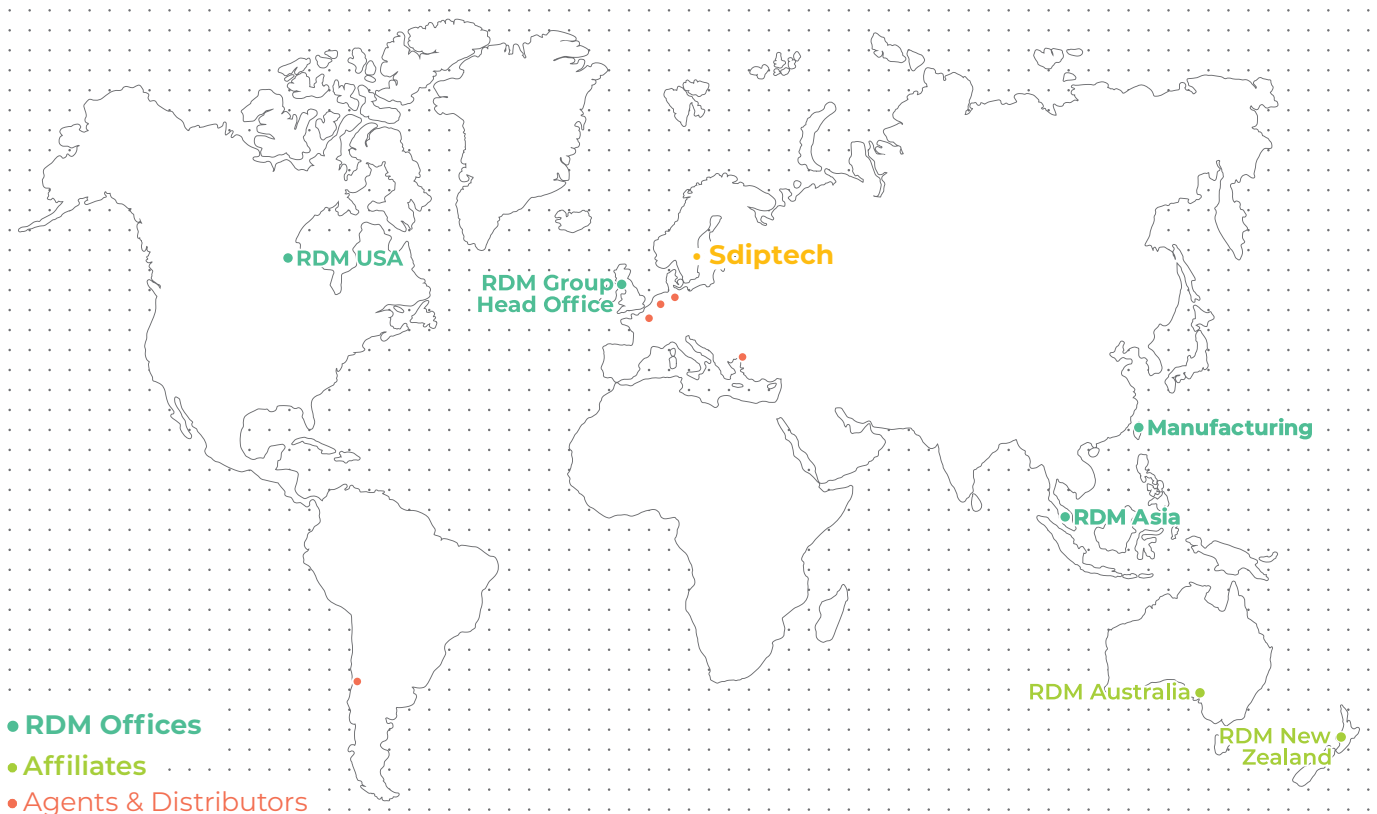
Warranty

500

Products

OPEN

Protocols



- RDM Offices
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- Agents & Distributors

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