



HVACR Control & Monitoring Solutions for Blood Banks

Why Choose RDM?



Free Access to Operating Data

TEMPERATURE & HVACR SYSTEM PERFORMANCE MONITORING

At RDM, we empower businesses to make sustainable, cost-saving choices. We provide users with easy-to-read graphical representations of their data. We do so free of charge.

Users can view data from HVAC and refrigeration sensors from anywhere simply by using a standard web browser and drill down to a granular level of detail. Data from any sensor can be displayed, providing information on things such as product or freezer room temperature, humidity levels, suction pressures, and much more.



Why Choose **RDM**?



Open & Multi Protocols

FACILITATING FAST, COST-EFFECTIVE RETROFITS

Our products are based on open protocols to allow integration with third-party devices. The benefits of this principle are evident in our control and monitoring system front-end DMTouch.

DMTouch can control and monitor third-party HVACR controllers and sensors. This facilitates the installation of DMTouch devices, because replacing the existing HVACR control infrastructure is unnecessary.

DMTouch displays the data it receives from the third-party sensors and controllers in user-friendly graphs, allowing users to view their data and make decisions.

Open protocols used include XML, Modbus, BACnet, and Web Services.



Free Lifetime Software Licenses

FOR HVACR CONTROL & MONITORING DEVICES

RDM's software licenses are included with the purchase of the hardware. There are no hidden costs or monthly subscription fees, the software license lasts for the lifetime of the hardware.

RDM also offers a five-year warranty on a range of HVACR controllers and control system front-end. Together, the five-year warranty and free lifetime software licenses give users peace of mind that they have a long-lasting solution.

HVACR Control and Monitoring Solutions

Offering a range of control and monitoring solutions for HVAC and refrigeration applications, RDM helps ensure stable cooling in the temperature-controlled areas of blood banks. The solutions facilitate temperature monitoring, predictive maintenance, increase operating efficiency, and save operating costs.

DMTouch

UNPARALLELED HVACR CONTROL & MONITORING SYSTEM FRONT-END

DMTouch provides a central point to control and monitor all HVAC, refrigeration, and lighting assets. Its open protocol communication allows integration with third-party sensors and HVACR controllers allowing centralized data consolidation.

DMTouch provides a user-friendly interface for viewing temperature and HVACR operating data, either on the device or remotely via a simple web browser. Accessing the data is free of charge.

Energy-saving refrigeration control features help users optimize plant performance and save operating costs. Features include pack/rack optimization, condenser efficiency monitoring, network trim/anti-sweat control, defrost control, and cold storage performance monitoring.

Its digital signature feature assures users that downloaded data has not been modified. When data is exported, DMTouch adds a digital signature to the file. If the file is edited in any way, the signature will be removed.



Temperature Monitoring & Energy-Saving Control Features

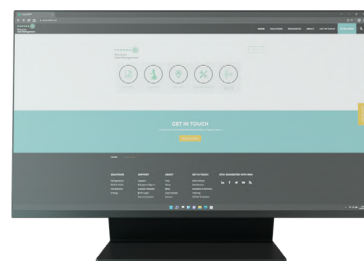
ActiveFM™

REMOTE MONITORING & ENERGY MANAGEMENT SOFTWARE

ActiveFM displays HVACR plant and energy data in dashboards accessible through a standard web browser. It shows complex data in a user-friendly format, facilitates predictive maintenance, provides analytical tools, warnings, and notifications, and it alerts users to critical alarms in real-time. This helps to prevent equipment breakdowns, ensure temperature compliance, and reduce maintenance and energy costs.

Available in five packages, the service ranges from basic remote access and alarm forwarding to 24/7 monitoring by a dedicated RDM Remote Monitoring Team.

ActiveFM provides access to RDM's unique tool: Temperature Performance Indicator (TPI). TPI shows the performance of a refrigeration case, cold storage room, or a circuit by assigning a performance score. Users can identify trends and spot issues early, preventing costly maintenance and high temperatures in cold storage areas.

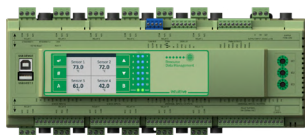


Intuitive

HVAC, REFRIGERATION & LIGHTING CONTROLLERS

Designed for use in varying HVAC, refrigeration and lighting applications, Intuitive controllers can manage over 600 points from one device. They are available in multiple build and software configurations, including with built-in PLC software and plant, stepper, circuit, and transcritical CO₂ options for refrigeration applications.

Open protocol communications enable Intuitive controllers to communicate with third-party sensors and equipment. Remote dial-in access allows users to make changes to settings and set points from anywhere with internet access, reducing the need for site visits.



TDB

PLC SOFTWARE WITHOUT LICENSE FEES

TDB is RDM's PLC software that gives the user the capability to create custom control algorithms for HVAC, refrigeration, and lighting applications. It is pre-installed on Intuitive TDB controllers and available for activation on DMTouch. Its unmatched benefits include a lifetime software license, unlimited users, no annual fees, and free-to-download desktop editing software.



Resource Data Management

Helping companies control HVACR assets, manage energy, and ensure regulatory compliance, we offer a range of over 800 hardware and software products for HVACR, building and energy control applications. Our solutions are used in many industries including food retail, building management, the 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 optimise control strategies.

Founded in 2000, RDM have expanded over the past two decades. We support customers worldwide with offices in the UK, US, and Malaysia, as well as affiliates and distributors across the globe.

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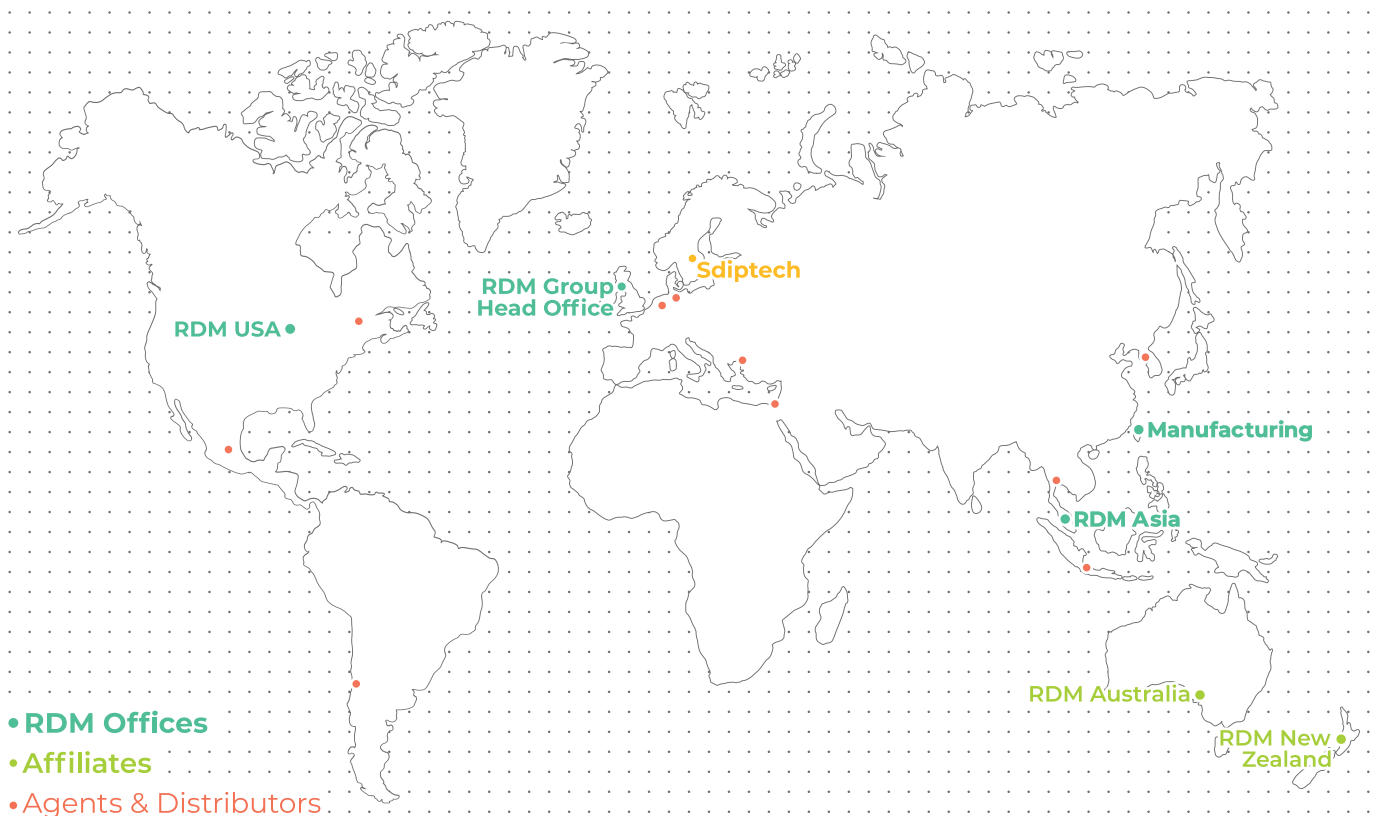
Warranty

800+

Products

OPEN

Protocols



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