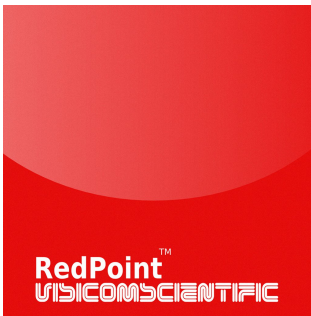


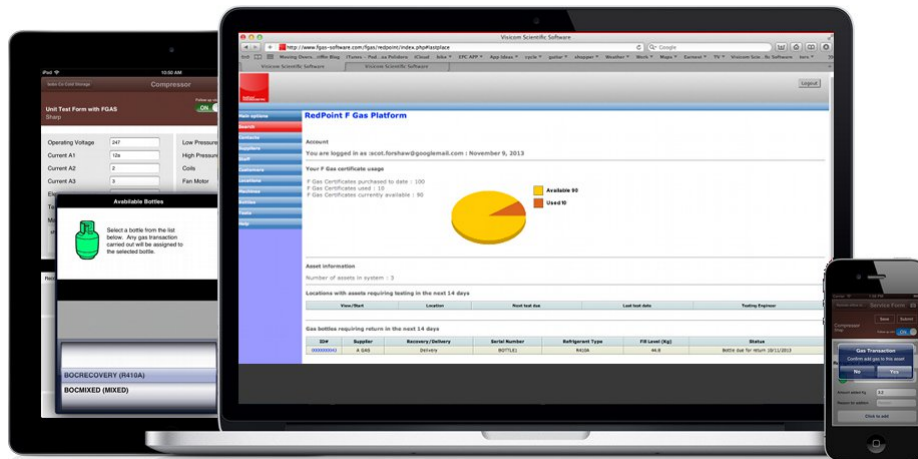
Visicom Scientific Software

RedPoint Enterprise Software Framework

*HVAC Compliance and Asset
Management System*



Version: 16



Benefits

Capture, centralise and manage all essential asset information from one common platform.

Deliver improved asset reliability and reduce downtime

Increase asset life expectancy by delivering essential and reactive maintenance efficiently

A single access point for assets across many locations

Enforce strict regulatory compliance across your enterprise

Reduce costs of service delivery

Save money and time by reducing staff training and adoption

Produce accurate Key Point Indicators (KPIs) to drive effective change

Introduction

Any organisation who is responsible for more than a few physical assets will appreciate that the burden of managerial tasks associated with maintaining, documenting, insuring, and replacing such assets presents more than its fair share of problems.

RedPoint F Gas provides a robust and scaleable solution that brings together simplicity, compliance and best practice in one common platform from which to manage the daily responsibilities faced by HVAC service and installation companies as well as actual asset owners.

Simplicity from the start

From the moment you add your first customer, the simplicity of RedPoint quickly becomes refreshingly apparent.

By delivering a set of specific tools developed in conjunction with the HVAC industry and engineers RP delivers simplicity and power that is totally tailored to make the job of managing HVAC assets a pleasing and stress free experience.

Out of the box benefits

- PDF Electronic F Gas certificate
- Install certificates
- Manage multiple engineers
- Unlimited sites
- Unlimited systems
- Multiple visits
- Split systems
- Multi compressor units
- Flexible engineer management.
- Re assign jobs on the fly
- Ultra simple iOS mobile interface
- Fast learning curve
- iPad and iPhone compatible
- Powerful web based enterprise back office
- iCal export
- Asset lists
- F Gas tracking by asset and bottle
- Assign jobs to sub contractors
- Electronic customer signature capture
- Powerful asset search
- Complete service overview

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A package for everyone

Because every organisation is different RedPoint F Gas is designed to be relevant and contemporary with several deployment options available to meet even the most demanding of clients. Currently the software is available:-

SaaS (Software as a Service)

For small companies wanting to take control of their paper based asset management and service engineers this option provides a straight forward signup and go solution. Typically available from RedPoint F Gas resellers SaaS delivers an affordable pathway to using the software with the added advantage of an easy to understand pay per use model that brings all the benefits of RedPoint F Gas to very affordable levels.

Dedicated in house

For those looking for even more control over their software there are in house options. Perhaps you already have a IT provider that manages your internal servers or feel that you are not quite ready for “cloud”. RedPoint F Gas can be deployed on your own dedicated servers in your building and further secured by your own firewalls and end point management solutions. You take responsibility for backups and these can be integrated into your existing tape streamers to reduce costs further.

Private cloud

Similar to dedicated in house, private cloud lets you host your software on a number of leading cloud platforms. RedPoint F Gas is certified Ready for IBM PureFlex and offers the larger user unrivalled elasticity and capacity for cost options.

Integrations and customisations

When clients demand specific functionality that may not be available or enabled in current public and private cloud offerings, the next step is integration or bespoke customisations.

RedPoint is a highly adaptable framework that can be tailored and extended to provide those features you require to get the best from it.

For example :-

- Customised reporting
- Integration with other FM platforms
- Integrate with bespoke mobile apps

RedPoint Integration specialists can build custom modules for any conceivable need.

Fig 1.0 Example of iPad app for engineer use

The screenshot shows the iPad app interface for a Compressor unit. The top status bar shows 'Carrier', signal strength, '4:34 PM', and '100%' battery. The app header includes 'Harris Brothers' and 'Compressor'. Below the header, there is a 'Unit Test Form with FGAS' section for a 'Mitsubishi' unit, featuring a 'Follow up visit:' toggle set to 'ON' and 'Save' and 'Submit' buttons. The main form area contains two columns of input fields: 'Operating Voltage', 'Current A1', 'Current A2', 'Current A3', 'Electrical Terminals', 'Test Notes', and 'Machine Notes' on the left; and 'Low Pressure', 'High Pressure', 'Coils', 'Fan Motor', 'Compressor', 'Heat Pump Op', 'Low Ambient Op', and 'Crankcase Heater' on the right. Below this is an 'F-Gas Section' with a sub-header 'Record any refrigerant additions/removals and the result of any leak tests'. This section includes 'Leak test' and 'Auto leak...' buttons with corresponding 'Leak test result' and 'Auto leak test' input fields, and 'Follow up actions' buttons. It also features 'Select Delivery Bottle' and 'Select Recovery Bottle' sections, each with 'Amount added Kg' and 'Amount removed Kg' input fields, 'Reason for addition' and 'Reason for removal' input fields, and 'Click to add' and 'Click to recover' buttons. At the bottom, there is an 'Optional image' section with a 'NO IMAGE AVAILABLE' placeholder.

The future of HVAC is self aware

Intelligent Asset Profiles (IAPs) are an innovative approach to decreasing response times for reactive maintenance and reducing the number of hours spent on return visits by introducing intelligent predictive maintenance features into existing HVAC assets.

By interfacing RedPoints existing remote monitoring platform with RedPoint F Gas facilities management it is possible for assets to communicate critical observations to intelligent monitoring profiles that can action both reactive and preventive maintenance.

This technology is constantly evolving to allow more and more innovative use of existing telemetry.

Key features of IAP

- Add new capabilities to existing transducers by interfacing with RedPoints Artificial Intelligence capabilities.
- Filter erroneous data for more reliable readings
- Use captured telemetry to control and action reactive and predictive maintenance
- Integrate selected telemetry across many systems.
- Easily build powerful building monitoring dashboards
- Easily add gauges to mobile apps and dashboards using RedPoints standardised gauge format

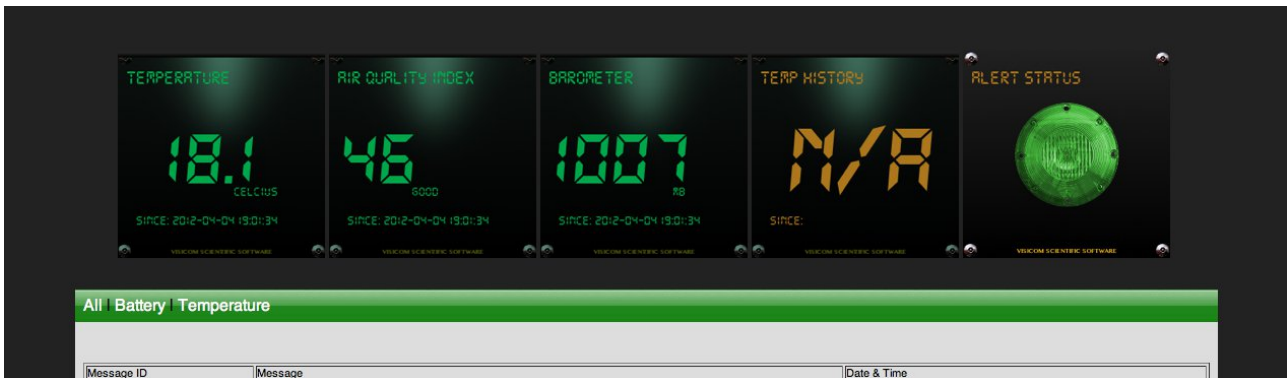


Fig 4.0 Example of a typical asset dashboard

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What is RedPoint?

RedPoint is a highly configurable set of data and asset record management modules. From invoices, customers, suppliers, PO's, packing asset tracking and workflow management. As a stand alone solution RedPoint performs the majority of tasks that many business owners require.

What are RPIS ([RedPoint Industry Solutions](#))?

RedPoint Industry Solutions are modules that have been developed to sit on top of RedPoint to customise it to perform niche tasks for a variety of industrial and commercial sectors. [Read more about RedPoint Industry Solutions here.](#)

Why use RedPoint?

Flexible, Tested, Trusted and Proven! RedPoint is deployed in many sectors and handles many millions of transactions annually in everything from E-Commerce to Property Management, from Remote Building Monitoring to Hazardous Waste Management, On-site safety compliance, insurance and risk assessment and critical temperature monitoring.

Current deployment include:

Retail space management and operational compliance including electricalPAT safety, licensing and Public liability across 50 of the UK's most iconic shopping centres.

Remote monitoring and logistics of commercial waste compactors, including determining weight of waste, monitoring hydraulic pressure and compressor current.

Critical temperature monitoring in remote locations around the UK.

F Gas compliance and service management

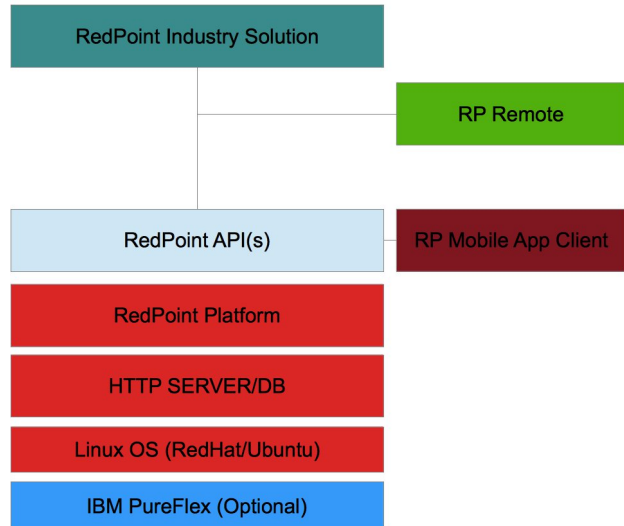


RedPoint Software Stack

Typical RedPoint Software Stack showing bespoke industry solution. Optionally RP can be deployed on IBM PureFlex as Virtual Appliance.

RedPoint is the base framework that underpins any solution. Sitting on top of a Linux web based OS on hosted/shared/in house servers. Optionally RedPoint can be deployed as a Virtual Appliance on IBM PureFlex private cloud server.

Your RedPoint integrator can develop or configure your industry solution(RPIS) to deliver your requirements. This may include one or more API's that allow other systems and mobile clients to communicate with RedPoint and your RPIS.



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