# Nominee: RF Code

## Nomination title: CenterScape by RF Code

**Hundreds of companies, including some of the world's largest organisations, use RF Code to gain control of their data centre environments and to reduce the total cost of ownership of their facilities and the IT housed within them. RF Code's continually evolving software delivers the only fully integrated asset lifecycle management and environmental monitoring solution in the industry.**

**RF Code's latest development is CenterScape Cloud. CenterScape was launched in July 2015 and in January 2016, the next advancement was released. CenterScape Cloud, featuring all of the capabilities of CenterScape in a cloud-hosted, subscription-based platform, ensures that organisations have complete flexibility in how they deploy, pay for, integrate with and scale RF Code's solution.**

**Overview**

**As data centre costs continue to rise, operators must do more with less. Organisations are searching for strategies and solutions to cut capital and operating expenditures. Industry trends like Big Data, virtualisation, power monitoring and thermal analytics have driven an urgent need for smart tools capable of managing any environment.**

**RF Code provides these essential tools. The company's unique combination of powerful software, intelligent infrastructure and internet-connected, wire-free sensors reduces operational costs and protects a company's data centre investments.**

**Key features include:**

- **Asset Management: Catalog and track assets, audit asset inventory and manage assets throughout their lifecycle**

- **Environmental Monitoring: Monitor temperature, humidity and related environmental metrics in the data centre**

- Change and Service Level Management: Continuously monitor data centre assets, infrastructure, and associated service levels to guard against service outage

- Capacity Planning and Optimisation: Plan, measure, adjust and forecast capacity utilisation across data centre assets and associated infrastructure

RF Code's solution works seamlessly with, and improves the functionality of, other data centre management systems - DCIM, ITSM, BMS - as well as applications providing "accountability data" on ownership, procurement and provisioning, such as SAP, Oracle ERP and BI systems. This agile, open architecture also enables rapid scaling of the solution, particularly in global deployments with disparate processes and software integrations.

This level of flexibility ensures every asset and environment is managed effectively, from the moment an asset arrives in the data centre through deployment to decommissioning. By integrating current and historical asset attributes such as environmental conditions, leak detection, audit data, and workload utilisation rates, organisations can eliminate costly and inaccurate manual processes while rapidly accelerating the positive impact of efficiency initiatives.

**Validation**

RF Code is graced with a number of impressive case studies that validate its business value and rapid return on investment. Due to the solution's accurate real-time data, every customer has the means to clearly validate and quantify its investment.

Customers span the banking and financial services sector, the hosting, cloud and colocation (HCC) industry, managed services providers, telecommunications operators, and other heavily regulated sectors such as legal services, insurance and healthcare organisations.

The following figures are provided directly from RF Code customers in their own words. Highlights include:

**IBM**

¥        > 300,000 global assets being managed

¥        72.8% to 99.7% - improved inventory accuracy

¥        94% reduction in locating time of assets for audits and maintenance

¥        $8M year one savings, 9 month ROI, $42M five-year cost savings

**CenturyLink**

¥        Ongoing deployment across entire global data centre estate, currently in 34 data centre

¥        Safely increased supply air temperatures by 13°F and server inlet temperatures by 9°F in initial deployment facilities

¥        $538,000 rebate from energy company for efficiencies in power use

¥        $120,000 savings in first year, 11 month ROI, total savings of $15M+ projected over five years

**CME Group**

¥        99% accurate audits

¥        57% time savings

¥        30% increase in accuracy

¥        $134,000 year one savings, 12 month ROI, $600,000 five-year cost savings

RF Code can be deployed as a stand-alone solution or used to provide the real-time, accurate data required to make even the most complex of DCIM deployments a success. A selection of these partners include:

¥        CA Technologies

¥        FieldView Solutions

¥        Future Facilities

¥        Geist

¥        iTRACS & CommScope

¥        Nlyte Software

¥      **Server Technology**

**Relevance Across Wider Industry**

RF Code's interoperability and integration capabilities means it can be applied to any data centre or distributed IT environment. As a result, every deployment varies from customer-to-customer, industry-to-industry. Each end-user organisation using RF Code has a unique IT estate, as does each colocation or hosting provider integrating the solution into its existing environmental processes.

Furthermore, in addition to the deployment flexibility offered by the CenterScape Cloud hosted solution, a new simplified subscription pricing model delivers a fixed price for the complete solution on an annual per-rack basis. This commercial model significantly lowers the entry cost for end users and data centre operators – a key consideration for IT departments searching for greater scalability and rapid return on investment from solutions.

For senior executives, RF Code increases ROI from existing and future investments, and provides detailed reporting for operational planning, regulatory compliance, efficiency initiatives and disaster prevention strategies. Recurrent cost savings from power efficiencies, manpower reductions and greater service availability range from the thousands to millions.

For those involved in the day-to-day operation of the data centre, RF Code simplifies environmental planning, monitoring and maintenance practices. Operational profitability can be increased through greater efficiency and reductions in routine downtime. There is also a personal element to the impact the solution has on employees. Because of its quantifiable ROI and verifiable data, it helps professionals with their career advancement by enabling individuals to meet their KPIs and departmental objectives.

The data centre manager benefits directly from everyday improvements. Tedious tasks can be eliminated and replaced by more strategic projects that improve job satisfaction and demonstrate a level of expertise expected by senior management. The granular visibility provided also moves operators from a reactive management strategy to one that is more proactive and focused on the optimisation of critical environments.

RF Code's value extends to third-party data centre providers and colocation providers as it enables companies to provide real-time visibility of environmental and thermal conditions to customers. This data can be used to assure customers their investment is protected and the provider is adhering to service level agreements. CenterScape Cloud is a significant development for providers in this sector.

## Why nominee should win

- **Unique technology and software solution**

- **Flexible delivery and cost models**

- **Easy integration with other critical data centre management tools**

- **Excellent customer case studies**

- **Rapid results, ROI and time-to-value**