

# RF CODE helps Digital Fortress achieve ROI in 6 days with real-time environmental monitoring.



DIGITALFORTRESS

2

OPERATIONAL  
DATA CENTERS



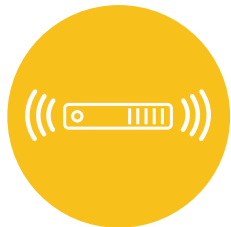
200

RACKS UNDER  
MANAGEMENT



340

SENSORS



“

*“Now we have comparative visibility on the whole environment. Not only is our environment more stable and efficient, but long term we also expect a reduction in wear and tear too”.*

— Scott Gamble  
Digital Fortress

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## The Goals

- Real-time enhanced monitoring and alerting
- Streamlined data reporting on a single dashboard
- Ease of integration and scalability
- Lower total cost of ownership

## The RF Code Pilot

- 90-day evaluation process
- 3 racks

## The Full RF Code Solution

- Integration with current systems and components (generators, CRAC units, and fuel tanks)
- Wire-free readers on a single PoE connection and a single IP address
- Replacement of old SNMP-based environments monitoring system

## The Results

- 6 days after deployment - identified a failing CRAC unit before it burned out
- 10 days after deployment - dropped SLA temperatures on the datacenter floor by 11 degrees
- 10% more cost-effective solution
- Scalability: up to 1,400 unique sensors per RF Code reader

# RF CODE has helped Digital Fortress and other industry leaders save over \$100 million.

## Data Centers Are Changing. Can You Keep Up?

In today's dynamic data centers, assets can move and get misplaced several times during their lifecycle, and environmental conditions can change unexpectedly.

With RF Code's real-time asset management and environmental monitoring solutions, you can keep track of your assets throughout their lifecycle.

## ASSET LIFECYCLE



### ACQUISITION & DEPLOYMENT

- Physical Deployment Time
- Install Time
- Install Accuracy



### OPERATIONS

- Uptime
- Environmental Conditions
- Asset Utilization



### MAINTENANCE

- Execution Time
- Undocumented Changes



### INVENTORY & AUDITING

- Inventory Accuracy
- Auditing Costs



### RETIREMENT

- Planning Timing Accuracy

## ABOUT RF CODE

Founded in 1997, RF Code is based in Austin, Texas, with offices and partners around the world.

Our automated, real-time asset management and environmental monitoring software platform eliminates the need for costly and error-prone manual processes. With our patented, wire-free sensors, open APIs, and real-time reporting capabilities, RF Code is easily integrated with existing IT, facilities, and business systems, creating mission critical value throughout the asset lifecycle, so you can save time and money

and keep track of what really matters.

## ABOUT DIGITAL FORTRESS

Digital Fortress™, Inc., is a privately held data center provider delivering secure, high density colocation services with carrier and cloud-neutral hosting infrastructure. Digital Fortress utilizes the greenest utility in the nation – Seattle City Light – with over 96% of its energy derived from clean inexpensive hydroelectric and wind power. Since 1994, more than 1,200 customers have entrusted

their applications and servers to the mission-critical facilities and network operated by the merged entities

of Digital Fortress.

Schedule a consultation today to see how **RF Code** can help you save money in your data center with our real-time asset management and environmental monitoring solutions.

Visit [www.rfcode.com/realtime](http://www.rfcode.com/realtime)