
Engineering Innovation Hub Accelerates Smart Access Solutions at Scale

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Overview

A global leader in intelligent access systems sought to strengthen its engineering backbone and fuel innovation in firmware and embedded applications. Facing growing market demand for advanced features and seamless app experiences, the company envisioned building a dedicated engineering hub to accelerate product development, ensure scalability, and drive operational excellence.

Client's Challenges

Enabling Smarter, Faster Global Engineering

Rising Market Demands

Rapidly evolving customer expectations required continuous innovation in firmware and mobile app capabilities.

Limited Engineering Bandwidth

Existing teams faced capacity constraints, slowing new product releases and feature enhancements.

Need for Scalable Expertise

Specialized skills in embedded systems and IoT integrations were difficult to source and scale internally.

Operational Inefficiencies

Fragmented processes and governance structures hindered visibility, speed, and quality in delivery.

Our Approach & Solution

Enabling Smarter, Faster Global Engineering



Engineering Hub Setup

Established a state-of-the-art innovation center equipped with infrastructure, connectivity, and governance frameworks.



Embedded Systems Expertise

Delivered end-to-end firmware development, integrating smart security cameras and enabling voice, text, and video streaming.



myQ App Enhancement

Enhanced embedded app performance—improving interactivity, access control, and multimedia capabilities across web and mobile.



Governance and Rapid Scaling

Implemented program management frameworks and ramped up a 100+ member team within a year for sustained delivery excellence.

Business Impact

Enabling Smarter, Faster Global Engineering

R Systems helped turn bold engineering goals into real, measurable wins—faster launches, lower costs, bigger impact.

Accelerated Time-to-Market

Rapid resource mobilization and efficient workflows reduced product release timelines substantially.

50% Cost Optimization

Achieved nearly half the cost of comparable U.S.-based engineering operations while maintaining high quality standards.

Scalable Innovation Engine

Over 100 engineers now drive global R&D, supporting new initiatives and continuous product evolution.

Enhanced Brand Visibility

The innovation hub established the client's reputation as a digital innovation leader, attracting top-tier engineering talent.

About Us

Enabling Smarter, Faster Global Engineering

4500+ Employees Worldwide
208 Million USD Revenue
28 Offices Worldwide



NSE
BSE
Publicly Listed



Global Footprint

USA, India, Europe, APAC
Established in 1993



Services

Digital Product Engineering (DPE),
Custom Application, Mobility,
Testing, Knowledge Services,
Customer Experience



Digital Technology

Cloud & DevOps, Data & Analytics,
AI / ML, Embedded, Automation,
Enterprise Packaged Services



Verticals

Telecom & Media, Tech, Internet,
and Platforms, Healthcare,
Banking & Financial Services,
Manufacturing, Logistics,
Automotive, Public Services

Global Presence

Enabling Smarter, Faster Global Engineering





R Systems: Engineering Global Hubs that Turn Vision into Velocity

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