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# Engineering-led GCC Transformation Fuels Cyber Security Innovation

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## Overview

A fast-growing U.S.-based cybersecurity firm wanted to double its product velocity—without draining its core U.S. team. The Noida office existed but lacked senior engineering depth and autonomy. R Systems' GCC Co-Pilot transformed it into a secure, full-stack R&D hub. Within months, the team shipped new features, modernized the tech stack, and lifted release cadence by 35%. Today, the India GCC owns entire product modules, blending R&D autonomy with airtight compliance.

# Client's Challenges

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Captive GCC to Capture Market Share

## Stalled Firmware Backlog

Critical kernel updates were blocked, stalling nightly builds and slowing the release pipeline.

## Modern Stack Demands

Cloud-native features needed Python, .NET, and Angular—skills the Noida pod lacked.

## IP-Safe Collaboration

5-day workweeks in India needed to feel like hallway conversations with Seattle architects.

## Aggressive Release Cadence

Every eight weeks meant shipping—zero tolerance for delays or defect slippage.

# Our Approach and Solution

Captive GCC to Capture Market Share



## Embedded Firmware Fireteam

15 senior engineers cleared kernel blockers and restored build velocity in Sprint 1.



## Platform Expansion

New squads onboarded in cloud, .NET, Python, and Angular—slashing service spin-up time by 40%.



## Secure DevOps Governance

Introduced IaC, SBOM audits, and container scans—satisfying U.S. security reviews from Day 1.



## Full-Stack Platform Buildout

Rolled out GitHub Copilot to auto-generate unit tests, raising test coverage from 45% to 70%.

# Business Impact

Captive GCC to Capture Market Share

Today, the Noida GCC independently recruits, manages, and delivers key modules across modernization, automation, and cloud initiatives. What began as a tactical experiment is now a permanent engine of value creation within the client's global engineering fabric.

## Faster Drops, Less Friction

Feature cadence jumped 35%—from quarterly to bi-monthly—without raising defect rates.

## 70% Copilot-Led Test Coverage

Copilot-driven test generation doubled test automation coverage on core modules.

## Time-to-Env Down 40%

IaC pipelines slashed environment setup from days to minutes, accelerating Dev/Test.

## Product Innovation from India

Two net-new features (WiFi threat intel, MFA) shipped entirely from the India GCC in Year 1.

# About us

Captive GCC to Capture Market Share

**4300+** Employees Worldwide  
**208** Million USD Revenue  
**18** Development Centres



## 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





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# Strategic Growth, Engineered for Success.

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