# crosscode

## Case Study: Rapid AWS Migration for Telecom Giant
### 200+ Undocumented Applications Migrated in 3 Months

| Moved 200+ Systems to Cloud | Reduced Project Cost (Numbers Confidential) | Mitigated Risk |
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| **Rapid Migration** | **$Millions Saved** | **Zero Disruption** |

## Overview

A major global telecom needed to migrate critical undocumented applications to the cloud in order to reduce costs and improve efficiency.

Using Crosscode Panoptics™, consulting company R Systems International was able to discover and map the entire technical portfolio in a matter of days.

R Systems used the instant impact analysis feature of Panoptics™ to plan the migration in detail. It moved the targeted systems to AWS in less than 3 months without disrupting the business.

## The Challenge

The telecom had no accurate count of the systems in its massive application environment, which spanned four continents. It possessed little to no information on architectural details. Time-consuming manual processes of analysis had left documentation woefully out of date, so the company was retaining at very high cost the handful of key resources who had some knowledge of the architecture.

In order to span this gap, the telecom had entered a 12-month engagement with a Big Four consulting company to map manually the details of its enterprise architecture. Until this expensive, time-consuming project was complete, the telecom could not determine which systems to move to the cloud, much less plan the migration.

### Client: R Systems International

Industry: IT Consulting
Location: El Dorado Hills, CA
Size: 7500 employees

#### Company Bio

A global technology and analytics services company, R Systems International transforms clients' businesses by helping them accelerate time-to-market of applications & products, overcome digital barriers and create business value.

"*Using Crosscode Panoptics™ we were able to mitigate key business and IT risks, deliver quickly and effectively to our customers, and substantially increase our engagement margins.*"

*- **Avirag Jain***
*EVP, CTO & Head of Global Delivery*

## The Approach

R Systems saw Crosscode Panoptics™ as a uniquely powerful way to transform the telecom's approach to IT change.

The telecom was outsourcing to an expensive third party the same manual processes that had proven ineffectual in-house.

Panoptics™ ability to automatically discover the telecom's applications and databases and map their dependencies gave R Systems a strong competitive advantage. It put the telecom in a position to save money, execute the project more quickly, and improve quality of outcome all at once.

## The Solution

R Systems implemented Crosscode Panoptics™ in a matter of days. It quickly discovered and mapped over 25,000 applications and databases. The telecom discontinued the Big Four firm's dependency mapping engagement, saving over $1M.

For the first time, the telecom had the ability to understand comprehensively its enterprise architecture. It targeted over 200 critical systems for migration to AWS. R Systems used Panoptics™ to analyze the impact of migrating each system and completed the entire migration within 3 months.

An additional benefit of using Panoptics™ was the discovery of over 3000 redundant systems, which the telecom had been paying an MSP to update and maintain for over a decade.

## The Results

- 200+ previously undocumented applications migrated to AWS in 3 months

- R Systems saved its telecom client millions of dollars by automating the application discovery and analysis phases Zero disruptions to business