

# Microservices Speed up Trade Enablement

Single page applications boost scale



## Success Story

“ Our trading partners were demanding higher transaction throughput than we could manage with our legacy infrastructure. Iris solved that by rejigging our applications. ”

– Senior Managing Director

## CLIENT PROFILE

The client is a leading regulatory organization in the pharmaceutical industry. They wanted to reduce trade costs but gain flexibility in the supply chains, preferably using a universal nomenclature of the cloud.

## BUSINESS CHALLENGE

The client’s monolithic applications were unable to scale to meet growth in their user base. The legacy applications saddled them with high-tech debt as well as ever-increasing infrastructure costs. As time progressed, they were unable to meet the demands of faster transactions that their trading partners like Amazon and FlipKart expected.

Additionally, moving to a new environment implied meeting high Disaster Recovery expectations for Recovery Time Objective (RTO) and Recovery Point Objective (RPO).

## SOLUTION

- Converted 12 monolithic applications into 6 Microservice applications — scaling 20 – 5,000 concurrent users across a region
- Implemented production environments with RTO of 1 hour and RPO of 12 minutes
- Made architecture more elastic via a simplified protocol with the benefit of major cost savings by adopting a single set of global standards

## BENEFITS

5,000

Concurrent users

12 Minutes

RPO of 12 minutes

HA

High Availability  
Command & Control  
On-Demand Scaling

“Self-organizing, cross-functional team wrote stories for production-quality functionality in each sprint.”

– Iris Project Head

## ENVIRONMENT

- Azure PaaS
- Azure SQL
- AKS
- Java

### About Iris Software

Iris ([www.irissoftware.com](http://www.irissoftware.com)) is a professional software services organization providing its customers with high-quality, cost-effective solutions and developing mutually beneficial relationships. Iris does this through comprehensive solution offerings with best-of-breed technologies, rapidly deployable solutions, flexible engagement models and proven methodologies. This allows customers to focus on their core competencies, and concentrate IT resources on projects that directly impact their bottom-line.

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