FURTHER® ADVISORY

Service Offering Overview

System Resilience Strategy

Tech Transformation

After nearly a year of intense work, you launched the new system on schedule and declared victory. A celebration was certainly in order, but now it's the morning after and the buzz has started to fade.
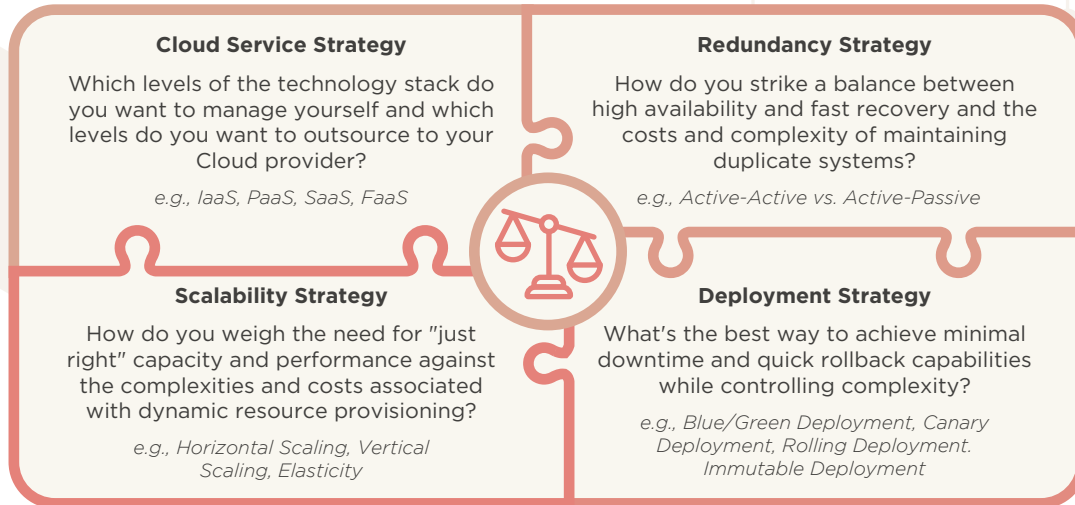
Deadline pressure forced you to skip contingency planning and hope for the best – and now the bug reports are piling up. Users are complaining about poor performance, data is mysteriously vanishing, and inadequate monitoring has left you blind to the root causes. You wanted to build this ship right while still at the dock, but now you're out at sea, forced to make critical repairs while navigating turbulent waters.

Is there a better way to balance thorough preparation with the need for speed?

WHAT WE DO

Modern system architectures provide a dizzying number of choices in the components you choose, how they are arranged, and how you evolve the system in response to change. It's a lot to think through.

Further Advisory can provide seasoned enterprise architects to help you navigate these interconnected decisions, thoroughly evaluating alternatives and their implications so that you can implement with confidence.

Cloud Service Strategy

Which levels of the technology stack do you want to manage yourself and which levels do you want to outsource to your Cloud provider?

e.g., IaaS, PaaS, SaaS, FaaS

Redundancy Strategy

How do you strike a balance between high availability and fast recovery and the costs and complexity of maintaining duplicate systems?

e.g., Active-Active vs. Active-Passive

Scalability Strategy

How do you weigh the need for "just right" capacity and performance against the complexities and costs associated with dynamic resource provisioning?

e.g., Horizontal Scaling, Vertical Scaling, Elasticity

Deployment Strategy

What's the best way to achieve minimal downtime and quick rollback capabilities while controlling complexity?

e.g., Blue/Green Deployment, Canary Deployment, Rolling Deployment. Immutable Deployment

OUR APPROACH

At Further, we believe a good system resilience strategy requires putting in the work up front and following a systematic approach to identify and reduce risks. We work as a skilled extension of your team to build a comprehensive System Resilience Strategy so that you're primed for success.

Quantify Success Metrics

We help you define these with mathematical precision and force rank their importance to illuminate a clear "north star" for your user experience.

Assess Failure Modes

Application failures can result from deliberate, unintentional, or even natural events. We work with you to enumerate these possible fault conditions and develop effective mitigation strategies.

Define Resilient Architecture

Incorporating the previous stages, we define a system architecture that is fit for purpose and create clear and detailed documentation to get buy-in from the relevant technical teams.

Establish Disaster Recovery & Production Readiness Models

Complex systems can exhibit surprising behavior even with the most thorough preparation. We design a comprehensive testing plan to assess how your system responds in real world conditions.

ABOUT FURTHER

We are a boutique management consultancy focused on converting strategic vision into business reality. We always go the extra mile, equipping our clients with critical insights and plans for navigating challenges and accelerating change.

Niko Pipaloff
Chief Technologist

CONTACT US!

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