DEVOPS AUTOMATION & GOVERNANCE FOR EVERLINK'S PAYMENT INFRASTRUCTURE

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PROBLEM STATEMENT

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Everlink, a leading payment network operator, needed to streamline and standardize release management across its transaction systems. With inconsistent CI/CD pipelines, rising cloud spend, and manual provisioning errors, the company sought to improve automation, reliability, and governance.

Manual provisioning slowed deployments and increased error rates

Inconsistent CI/CD practices created delays and release issues

Infrastructure lacked governance through code-based controls

Poor rollback mechanisms increased operational risk

INT.'S SOLUTION

INT. established a DevOps Center of Excellence to deliver secure, automated, and governed deployments across Everlink's environments.

- ✓ **CI/CD Automation:** Standardized deployment pipelines across dev, staging, and production

- ✓ **Infra as Code:** Used Terraform and GitOps workflows for scalable, consistent provisioning

- ✓ **Policy-as-Code:** Enforced compliance and governance through automated rule checks

- ✓ **Orchestrated Deployments:** Leveraged containerization and GitHub Actions for rapid, repeatable releases

The transformation journey focused on automation, standardization, and infrastructure governance.

01
Assessment:
Reviewed current pipeline fragmentation and manual release steps

02
Design:
Architected centralized CI/CD and IaC frameworks

03
Implementation:
Deployed automation across environments using Terraform and GitHub Actions

04
Governance Setup:
Applied Policy-as-Code for approval workflows and compliance checks

05
Testing & Rollback:
Integrated automated tests and rollback procedures for reliability

06
Monitoring Enablement:
Delivered environment-wide visibility into release health and version control

IMPACT

55%

faster release cycles, reducing time-to-production across teams

61%

reduction in rollback incidents, due to improved testing and automation

Greater developer autonomy, with self-service deployments and integrated checks

Enhanced environment visibility, through consistent pipelines and IaC reporting

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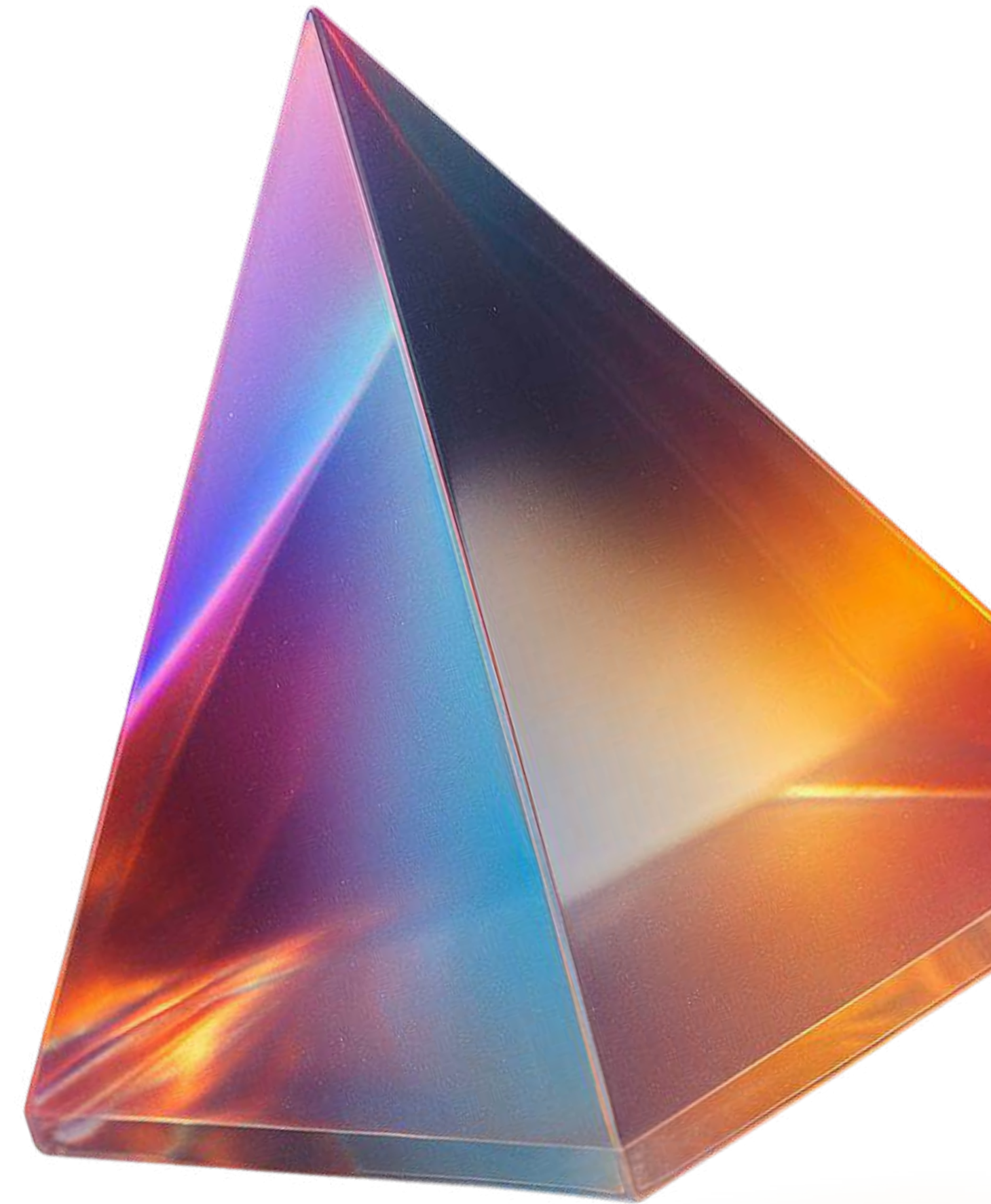
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