New Document

**✅ G01 – Cost Efficiency**

**What’s the issue?**  
Each team handling their own GCP projects can lead to duplicated tools, wasted resources, and unpredictable costs.

**What’s the plan?**  
We’ll set up a central billing system for all departments and tag resources properly. That way, we can track who’s spending what and make sure everyone stays within budget.

**Why this works:**  
It gives us better control over costs and helps us avoid unnecessary spending, while still giving departments flexibility.

**✅ G02 – Security & Compliance**

**What’s the issue?**  
Teams need to keep sensitive data (like employee records) secure and follow rules like GDPR. Managing this separately for each team is risky and hard to audit.

**What’s the plan?**  
We’ll manage security rules from a central place, log all actions, and make sure sensitive systems are tightly locked down.

**Why this works:**  
We stay secure, meet compliance requirements, and still give teams the access they need to do their jobs safely.

**✅ G03 – Workload Isolation**

**What’s the issue?**  
Different departments (like HR or AI teams) have their own systems. They need to work separately to avoid conflicts or data leaks.

**What’s the plan?**  
We’ll give each department its own project space with the ability to connect to shared tools if needed—but with strong boundaries between them.

**Why this works:**  
It keeps teams from stepping on each other’s toes and protects sensitive data.

**✅ G04 – Operational Efficiency**

**What’s the issue?**  
Setting up environments manually takes time and often leads to mistakes.

**What’s the plan?**  
We’ll use Terraform to automate environment setup, with reusable templates and automated checks before changes go live.

**Why this works:**  
It saves time, ensures consistency, and avoids errors.

**✅ G05 – Networking & Connectivity**

**What’s the issue?**  
Every team setting up their own network creates a mess. We need to connect everything cleanly and securely.

**What’s the plan?**  
We’ll build a hub-and-spoke network. Central services like VPN and DNS live in the hub, and departments connect to it.

**Why this works:**  
It’s easier to manage, more secure, and scales better as we grow.