Digitel Africa Networking and Cloud Architecture

Web Services Channels

- **Website Hosting** — Cloudflare Management
- **Email Hosting** — Google SMPT
- **Domain & DNS** — Digitel Domains
- **Proxies & Load Balancing** — Google Cloud
- **User Support** — On-Board Maintanence

Integration

APIs Connectors

API Gateway & Routing

Automation & Orchestration Hub

- **Integrations** — CI/CD Pipeline
- **Integrations** — Pub/Sub Queries
- **Integrations** — Configuration
- **Reference Data** — Cloud Storage

Infrastructure as Code

Terraform
Anisible

Data Layer

- **Storage** — Backup Vaults
- **Networking** — VPC, Firewalls
- **Audit Logs** — Metadata
- **Raw -> Staging -> Data Store** — Reporting, Insights, etc.

Computer Resources

Virtual Machines
Containers
Functions

Business Operations Services

- **Billing & Usage**
- **Account Manager** — Users & Accounts
- **System Health** — Progress Report
- **Security & Compliance**

API Connectors

Client Applications

- Client Portals
- Hosting Control Panels
- Monitoring Dashboards

DevOps & Engineering Services

- Performance Optimisation
- **Logging Pipelines & Audit Streams**
- **Version Control** — Collaboration Tools
- **Automation Frameworks**
- **Infrastructure Design** — Structured Development
- **Containerisation & Deployment**

Core Application Services

- **Core Services** — Kubernetes Engine
- **Deployment/Testing** — Cloud Spanner
- **Infrastructure**
- **Application Services, Database, Systems**
- **Products & Modules** — Cloud Spanner
- **Interface**
- **Financial Services Management**
- **Transaction** — Cloud Spanner
- **Card & Payments**

Security

- **Identity & Access** — Cloud IAM
- **Firewall & Network Security**
- **Encryption & Keys** — Cloud KMS
- **Data Protection & Privacy**
- **Access Transparecy** — Monitoring
- **Operations** — Logging