Building an Enterprise Cloud Center of Excellence from the Ground Up

CLIENT
QUANTA SERVICES

Industry: Energy & Utilities   **Platform:** Microsoft Azure   **Scope:** Enterprise CCoE Design & Governance   **Duration:** 2025 – Ongoing

THE CHALLENGE

Quanta Services, a Fortune 250 leader in infrastructure services, needed to establish a structured Cloud Center of Excellence (CCoE) to govern and standardize their expanding Azure footprint. With multiple business units operating independently, the organization lacked unified cloud governance, consistent architectural standards, and a scalable operating model — creating risk around security, compliance, and cost management across regulated environments.

APPROACH

- **Governance Assessment** — Conducted a comprehensive analysis of existing cloud practices across nine domains to identify gaps and establish a maturity baseline

- **CCoE Operating Model** — Designed a scalable operating model defining roles, responsibilities, decision rights, and escalation paths for cloud governance

- **Policy Framework** — Proposed 108 cloud policies across Azure and AWS, aligned to CIS Benchmarks, ISO 27001, SOC 2, and HIPAA requirements

- **Documentation System** — Built a comprehensive repository organized across seven governance domains as the organizational knowledge base

SOLUTION DELIVERED

- ✓ Complete CCoE organizational structure with defined stakeholder roles and governance councils

- ✓ 171+ governance documents covering Architecture Standards, Security, FinOps, Operations, and Modernization

- ✓ Azure Landing Zone reference architecture aligned to Cloud Adoption Framework (CAF)

- ✓ 2026 strategic roadmap with KPI targets, resource requirements, and implementation phasing

- ✓ Interactive HTML dashboards for leadership progress tracking and decision-making

- ✓ Azure Decision Guides for service selection hosted as static web apps

171+	108	9	7
GOVERNANCE DOCUMENTS	CLOUD POLICIES PROPOSED	GOVERNANCE DOMAINS	DOCUMENTATION WORKSTREAMS

Unified Governance
Replaced fragmented, ad-hoc cloud practices with a standardized enterprise governance framework adopted across all business units.

Compliance Readiness
Established policy baselines aligned to CIS, ISO 27001, SOC 2, and HIPAA — reducing audit preparation effort and compliance risk.

Strategic Visibility
Delivered interactive roadmaps and dashboards that enabled executive leadership to make data-driven cloud investment decisions.

"This engagement transformed how Quanta approaches cloud governance — moving from reactive troubleshooting to proactive, standards-driven platform management."

— Engagement summary · Replace with client testimonial