

William OConnell PMP

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☁️ Technical Program Manager · GxP Cloud & Regulated Systems · Enterprise Infrastructure

SUMMARY

Enterprise Technical Program Manager with 20+ years delivering large-scale infrastructure modernization and regulated cloud migration programs across financial services and biotechnology — including 14 years embedded within Roche/Genentech. Led change management and delivery for 100K+ global users, directed \$100M+ transformation initiatives within FDA/GxP environments, and built and managed teams of 30+ across multi-continent programs. AWS Certified Solutions Architect with hands-on production GxP cloud architecture built in 2025. Available immediately for 3–6 month contract engagements as a workstream owner within regulated cloud transformation programs.

Historical Scale: \$25M portfolio · 20+ concurrent projects · 100+ resources · 100K-user global migrations · \$100M+ program delivery

CORE COMPETENCIES: GxP / 21 CFR Part 11 Delivery ♦ Cloud Migration ♦ Workstream & Dependency Management ♦ Organizational Change Management ♦ Launch Readiness & Release Coordination ♦ Validated Systems & Audit Readiness ♦ Portfolio Governance & PMO Operations ♦ People Management & Team Development ♦ Risk Governance & Issue Tracking ♦ Business Analysis & Requirements

EXPERIENCE

Technical Program Manager – GxP Cloud Architecture

O'Connell Cloud & Program Advisory LLC

January 2025 - Present, Seattle, WA

- Led end-to-end design and delivery of a production GxP-aligned AWS serverless Validated Document Control platform — Cognito, Lambda/API Gateway, DynamoDB, S3 — with 21 CFR Part 11-aligned traceability, risk assessments, IQ/OQ/PQ validation documentation, and full audit logging. Demonstrating production-ready regulated cloud architecture at enterprise GxP compliance standards.
- Integrated Amazon Bedrock into regulated workflows with RBAC and audit controls to demonstrate AI implementation within validated enterprise environments.

Program Lead – Portfolio Operations

OCO Investments LLC

August 2019 - December 2024, San Francisco & Remote

- Applied structured program governance disciplines — vendor management, risk tracking, capital planning — across a \$3M diversified portfolio.

Technical Program Manager / Delivery Head – North America & APAC IT

Roche (based at Genentech)

March 2013 - August 2019, South San Francisco

- Owned delivery of a \$25M/year infrastructure stability, transformation, and modernization portfolio spanning 20+ concurrent programs across platform, application, security, and validation domains — ensuring enterprise continuity during transformation.
- Directed a \$100M+ global dual-data-center modernization and infrastructure transformation program — hiring and managing 25+ contract resources, approving runbooks, testing and rollback plans, achieving zero unplanned downtime and zero compliance findings.
- Built, led, and managed a 20-person cross-functional delivery team (FTE & Contract) supporting Roche's global infrastructure portfolio. Improved portfolio delivery time by 30%, reduced resource overallocation by 80%, and reduced planned spend by \$1M annually.

- Served as TPM for the Enhanced Data & Insights Sharing (EDIS) initiative — a corporate data-sharing program integrating patient and product data across Research, Early Development, Clinical Trials, Manufacturing, and Personalized Healthcare under HIPAA and GDPR.
- Acted as Product Manager for ResPlan, a Google-based global resource management platform supporting 800+ enterprise users — owning iterative biweekly releases, feature prioritization, and stakeholder roadmap alignment.

Technical Program Manager (Consultant)

Genentech / Roche

March 2009 - March 2013, South San Francisco

- Led Organizational Change Management workstream for Roche's 100,000-user migration from Microsoft Office to Google Cloud — coordinating engineering, security, and operations teams across distributed globally. Projected annual savings: \$20M+.
- Drove a 20,000-user Windows refresh program (12,000 PC replacements, 8,000 in-place upgrades), coordinating compatibility testing, deployment planning, and release sequencing across 100+ resources (including 40+ engineers) and 7 sub-teams.
- Re-engineered 17 Global IT PMO processes across a 3,000-person IT organization, implementing algorithm-driven RAG portfolio reporting that shifted executive visibility from subjective assessments to objective, data-driven signals across schedule, financials, and resources.

Senior Business Analyst – Digital Asset Management

EMI Music

September 2005 - August 2008, London, UK

- Led a team of BAs delivering EMI Music's web-based 'Global Repertoire' Digital Asset Management platform — enabling metadata capture from 43 countries and 17 languages, connecting the central London repository to global digital supply chain infrastructure.
- Performed in-depth system integration analysis and data flow mapping for EMI's Digital Supply Chain — translating complex multi-territory business requirements into structured platform specifications across international stakeholder groups.

Senior IT Business Analyst (Consultant)

Genentech

February 2002 - March 2005, South San Francisco

- Led analysis, testing, and training for multiple GxP-regulated TrackWise platforms under 21 CFR Part 11 — including QMS, CAPA, ELN, and LIMS integrations — contributing directly to a 100% FDA inspection pass record across all engagements.
- Led a team of BAs on Genentech's Manufacturing Change Control transformation initiative consolidating 7 disparate validated Change Control systems into a single centralized GMP-validated platform, eliminating transcription errors and improving audit compliance.

EARLIER CAREER

Senior Systems Engineer / Incident & Change Control Lead - Robertson Stephens & Bank of America

San Francisco

- Owned enterprise Major Incident and Change Control programs in a high-stakes financial services environment, acting as Incident Commander for Sev-1 events and building structured RCA and remediation tracking discipline. Headhunted from Bank of America based on deep technical systems expertise.
- Systems engineering roles supporting trading floor infrastructure in regulated, high-availability financial environments — building foundational expertise in enterprise change control, mission-critical operations, and system compliance.

EDUCATION & COMMUNITY ENGAGEMENT

- **B.S. Health Sciences** (San Francisco State University)
- AWS Certified Solutions Architect – Associate • PMP (PMI ID: 563082) • Google Data Analytics Professional Certificate - Leading SAFe 6.0
- Certified SAFe PO/PM • Certified Change Practitioner (Prosci) • MCSE (Microsoft Certified Systems Engineer)
- **Community Engagement:** SF AIDS Foundation | SF AIDS Department Community Advisory Board | Founder, Vaccine Advocates (VACT UP)