

Daniel Giacomelli

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Dear Sir or Madam,

With over 25 years of extensive experience, bridging the gap with business and technology and providing solutions is more of a passion than career choice. Working for large consultancies and VCs to local government, from Associate to CIO, with a foundation of People, Process, and Technology, recognizing that change is a constant has served not only myself well throughout my career, but those I work for, with, and around.

I'm well versed in many facets of Technology and Operations Management, Program and Project Management, Risk and Change Management, Technical, Security and Cloud Architectures. Combine that with a passion for Technology, Process engineering, Infrastructure and Architecture design, and security, yields a unique skillset that is very broad and deep enough to work with teams at all levels as a lead or individually, from highly specialized resources and partners to executives. Rooted in Business Process and Development, professionally trained and certified in governance, Program Management, Security, and Architecture. Learning continues as technology and people continue to transcend Moore's and Koomey's Law.

Turning challenges into solutions is an unusual talent I have that yields value-add results, especially within highly matrixed and political environments using a very Hands-on and Visual work style. I like creating diagrams believing "a picture says a thousand words." The 3 main areas that I find are mutually inclusive for all working environments with visuals Bridging Business and Technology are: Program Management; Solutions\Technical Architecture\Infrastructure; and Security.

I've led multiple teams of direct and shared resources, onsite and remote, delivering projects within a strategic portfolio, consistently on time and under budget, delivering a range of corporate, client and department goals. Created a strategic plan with tactical delivery of solutions and enterprise architecture, responsible for all aspects of infrastructure, data, application, and security architectures for client and partner solutions, within approved budgets and expanded scope.

Seeking an opportunity to continue supporting my passion to be a contributor to the success of an organization where shared experiences, success, learning, and change are constant. Pursuing a place to continue delivering value through leadership and projects, reduce costs, enable growth, streamline operations, and improve quality and customer service. A place where one works hard, recognizes success, plays hard, and supports its employees and community. A place where I can continue to build relationships within and across organizations and partners, motivate employees to achieve desired outcomes, and share new experiences and success stories.

Thank you for considering my application. I look forward to discussing my credentials, experience, and any opportunities.

Sincerely,



Dan Giacomelli

Risk Management, Audit, and Compliance Experience for Daniel Giacomelli

My auditing experience started when I was a Senior Consultant at CSC, subcontracted to “The National Registry” for the Project Management Institute ISO 9001 certification. I was part of their initial data gathering initiative for their audit which they obtained in 1999. Risk Management experience also started within CSC as a consultant working for Dupont, auditing their Agricultural testing processes for [FIFRA compliance](#).

For CDI Corporation, as part of our strategic account toolkit, we created many tools to help assess risk, scope, and aid with budget and contract negotiations. We used ITIL as a framework to define and enable managed IT services and service levels. If needed, we relied on COBIT to help with IT governance and bridge the gap between the business and IT investments for some clients. The following are a few samples which can be provided of the tools\deliverables used:

- ITIL Service Support and Service Delivery Audit Worksheets (available upon request). These were then included as part of the Innovantage 90-day assessment (Nektar 90 Day Assessment v1.1.ppt).
- Microsoft Operations Framework (MOF) Assessment (MOF Assessment v1.0.xls, based on ITIL)
- Small Office Home Office Checklist (CDI Innovantage SOHO.checklists.xls)
- Site Audit Guidelines (Site Audit Guidelines v1.1.doc)
- Security Self-Assessment (Security Self Assessment.doc); Firewall Checklist (FirewallChecklist.doc);
- Managed Technical Operations Project Risk Characteristics (MTOps Risk Assessment v1.8.doc)
- For one Client in particular, I was part of a special security audit and Social Engineering testing for [Eclipse Aviation](#) which resulted in the company adopting Common Criteria *ISO/IEC 15408:1999.CC 2.0* as part of their FAA Certification. Our two deliverables became templates for other clients. (Common Criteria v1.1.doc and Policies and Procedures v1.1.doc)

While at Canon, I was part of an audit team for the Project Management Institute PMI.org redesign, which resulted in the company adopting [ISO 27001:2005](#) standards with [CIS Benchmarks](#) as part of their internal technical audit.

With CIGNA, while launching the new Individual plans, we needed to modify the Online Application to adhere to new Industry Compliance for both Federal and individual state regulations for Health Insurance as changes were being made for Obamacare. We successfully created plans for each state, for each compliance item. (IR446 OLA Compliance PDF Revised Project Plan 2011-01-13.pdf). We also identified a risk which turned into a large issue with capacity and turn-around times within Underwriting. We identified options for improvement including BPR, automation, and outsourcing, then I devised a plan, created metrics and model to track impact and trending analysis to eliminate the backlog. (Underwriting Capacity and Backlog Elimination Summary 2009-07.ppt)

While at FirstLab, I was brought in to revamp the entire Infrastructure and ensure PCI Compliance and Annual Audit success. Using the tools created from CDI, I created initial IT Policies, PMO and Governance models, and performed a variety of internal and external audits. The first external penetration test and audit for security discovered 15 severe issues, all of which were mitigated. HIPAA training was never performed prior to my arrival, which became a requirement for all employees, and included HITRUST training for all IT employees. First Software audit resulted in the IT department to obtain Microsoft Gold Partner to save over \$200k annually in licensing fees, and avoid additional costs owed (FirstLab Information Technology and Security.docx). As a result, the first Business Continuity and Disaster Recovery plan was created for both FirstLab and Genomind (RID BC-DR Plan 2011-10.doc). I was part of the team to have FirstLab become a Certified - Third Party Administrator (C-TPA) by the Substance Abuse Program Administrators Association (SAPAA). For Genomind, the infrastructure upgrades, governance and policies established the foundation for services to work with the College of American Pathologists (CAP) for accreditation to ensure our 3rd party labs hold certification to perform highly complex testing under the Clinical Laboratory Improvement Amendments (CLIA).

For the City of Philadelphia, implementation of the EHR needed to comply with Meaningful Use (MU) and HIPAA Security Rules to receive MU credits. The SRA tool references components of the National Institute of Standards and Technology (NIST) Special Publications (SP) 800-66 and 800-30 as guidance for a security risk assessment to identify conditions where Electronic Protected Health Information (EPHI) could be disclosed without proper authorization, improperly modified, or made unavailable when needed. This is also the basis for FedRAMP audits the city was considering which included Philadelphia Prison Systems and CJIS audits which I was directly involved in. This information is then used to make risk management decisions on what reasonable and appropriate safeguards are needed to reduce risk to an acceptable level. I was responsible to perform these annual audits based on SOC1 Controls at all health centers, and DPH assessments; and as the tool and program matured, so did my responsibilities to provide Monthly Operations and Security audits, and annual asset/inventory audits. Using TOGAF to create the big picture enterprise architecture helped with risk and impact analysis for these audits. This information also supported the [City of Philadelphia DPH achieving accreditation](#). From previous experience, I authored the EHR policies and governance models including support, escalation, BCDR, and Access agreements. Sample Documents include:

- Facility Walkthrough Checklist - PDPH-AHS-HCx.doc
- Health Center PHI Assessment EXEC Summary 2018.docx
- AHS EHR OCR HIPAA TOC 2019.xlsx
- DPH AHS EHR SRA 2019-11.pdf
- EHR Monthly Security Ops 6-2020.pdf

Being an Architect has provided many opportunities as a SME or Lead for Operational and Technical Audit projects and initiatives. Defining the 'current state' within the 'big picture', moving from Going from conceptual to logical and physical diagrams, makes it more intuitive to see gaps, risks, and impact areas, and identify mitigations, improvements, and solutions. Always taking a People, Process, and Technology approach to whichever framework and tool is used. Regardless of role\title, I have always assisted or lead projects. Seems I have a knack for creating requirements\checklists and devising plans. Many projects came out of the initial City to achieve MU credits and accreditation, HIPAA\HITRUST Compliance, and CJIS Compliance. In 2019, City OIT decided to look to NIST audit tools using SCAP content for Microsoft.

At Talkiatry, we decided to use the SRA for establishing benchmarks and showing progress towards FedRAMP, but also: NIST SP [800-30](#), Guide for Conducting Risk Assessments; the Prose [Azure Security Benchmark 1.0 Checklist](#); and review [NIST SP 800-53](#) Security and Privacy Controls for Information Systems and Organizations.

South Jersey Industries is regulated by the TSA with OT/SCADA environments using the [Purdue Model](#) for Enterprise Architecture of their Gas operations. Being a public company within a highly regulated industry and under [high alert for Cybersecurity](#), IT Audit requests were constant high priority along with standard Account and Elevated Security reporting and management. Designed new Corporate Security Surveyance using Avigilon and Private/Hybrid Cloud based connections for both IT/Corp and OT/SCADA Video Surveyance shared services with Azure. I worked very closely with Cybersecurity, Corporate Security, and Risk Management resource and teams to ensure our projects, designs, operations, and Infrastructure were properly protected, secured, with proper analysis and reporting. *Given the highly sensitive nature of their business and operations being a part of the nations infrastructure I do not have any sample documentation, and am limited on discussing details from working at SJI.*

I've learned to use what is appropriate for Strategic Planning and Design, which may be different from Tactical analysis and Delivery: NIST with Core, Tiers, and Profiles; ITIL for IT Service Management and Governance; COBIT to increase quality and reliability, reduce risk, with better agility and collaboration; SOC for security controls and availability; TOGAF to organize and manage technology through Architecture.

Items in Courier Font denote sample artifacts which may be provided upon request and approval.

Data Center, Virtualization, and Cloud Experience for Daniel Giacomelli

Starting with **Computer Sciences Corporation (CSC)** while working for Dupont at their Christiana Data Center (CDC) during 1999, I was responsible for multiple physical servers in a three tiered architecture (Web+App+SQL DB) including the Security (Firewall/Routing Rules, VPN, AD Profiles) website hosting and back-end connection to SAP within the Datacenter. This included Production, Test, and Development physical environments.

Lead Architect at **Canon Technology Solutions** implementing a Hybrid Cloud VMware solution using ESXi for a Demo environment and Client POCs. Hybrid hosting with startup clients and migrating many of our production clients to SunGard. Used HP Linux for VMware ESX vSphere upgrading from v2.1 to 2.5, 3.0 to ESXi 3.5 and migrating to Microsoft HyperV for EMC+Microsoft Partner Showcase. The Demo environment hosted: SharePoint Demo Platforms (WSS, SPS2003, MOSS2007, Beta 2010); Client POCs; Documentum Demos/POCs; DocAX (w/Kofax); and eCopy integration. CTS was the primary consultancy to moving the Aramark Data Center to the Aramark Building in 2008 (which is now Jefferson Tower) 1101 Market Street leading a weekend move completed within 48 hours ready for Business by the 11:PM Sunday night deadline. Successfully moved >1000 physical pieces of equipment with racks, cabling, cabinets, and raceways.

As CIO for **FirstLab and Genomind**, the local Chalfont Data Center posed a serious risk to production operations (home-made UPS, no Generator, single Internet Provider). Primary goal was to upgrade, scale, secure, and stabilize the production environment. Migrated to a hybrid Virtual environment moving the Datacenter to an owned and 'hardened' facility in Virginia Beach, NC. Virtualized 95% of the Physical servers (P2V) to VMware ESXi 4.1 procuring new production chassis. Moved modern-office services to the cloud (i.e. Email to O365, Conferencing, Marketing, etc.). Obtained Microsoft Gold Status and migrated development and testing environments to VMware 5.0. Upgraded Visual Studio Team System to Ultimate 2012 and Databases to SQL Enterprise, with better hardware, redundancy, cloud backups, and used log-shipping for the physical moves.

As the Infrastructure Architect for the **City of Philadelphia**, Department of Public Health (DPH), and Philadelphia Prison System (PPS), we used many Cloud based partners for various services: eClinicalWorks (eCW) EHR, SaaS hosted; Radiology and Mammography migration and integration project with Jefferson using PaaS and SaaS solutions from Picom365, Epic, and PowerScribe; Dental PaaS and SaaS solutions using Apteryx and XVWeb; Hybrid SaaS solutions for Population Health data with SQL Server (SSIS, SSAS, SSRS), and i2i PopIQ. Was one of the first teams to migrate from Exchange to O365 for City (beta testers) with federated AD; migrated SharePoint 2010/2013/2016 to 365; first to use/integrate with Microsoft Teams. Local Data center at 1101 Market still hosted eCW Database copy using nightly Log Shipping integrated with PopIQ and other City Data Sources. Databases were physical with virtual VMware servers for SSIS/AS/RS and PopIQ servers. Local Lab LIS (Orchard + Harvest) integrated with eCW over VPN using Integration Engine (Rhapsody), all of which were physical servers. Global Admin for the M365 modern office for the Health Department.

For **Talkiatry**, responsible for all technology and projects from Cloud Services to End-Points, and offices to homes. Inherited a mix of on-prem and Google-Cloud based infrastructure that would not scale for the business. Migrated to M365/Azure for a 100% Cloud based infrastructure setting up scalable foundation growing from 21 to over 100 employees within 6 months, with plans to double in another 6 months. The setup, migration, and ongoing management and operations were all done internally, hands-on, with no outside help. This included migrating Domains, DNS, Email, File Sharing and Collaboration Tools to a mix of Microsoft and partner solutions which leveraged Azure AD, IAM, SAML/SSO, VDI, MDM, Endpoint, Exchange (with Secure Email), Defender, OneDrive, SharePoint, and Secure Email. Integration of Azure resources with AWS for DevOps, eClinicalWorks, Zendesk, Atlassian/JIRA, and SQL Server. Implemented strategic directive to "keep it simple" enabling 100%

telework\telepsychiatry using 100% cloud infrastructure. Endpoint connectivity secured to\from SaaS, IaaS, PaaS solutions for all Sec\IT\Dev\TechOps. Integrated Teams with UC eliminating physical phones with cloud providers. Federated vetted and approved partners per newly created policy. Setup SSH Authentication to cloud partners for single sign-on, jump servers, and passthrough to Databases and services. Obtained MS-AZ900 Certification.

For **South Jersey Industries (SJI)**, managed Private Hybrid cloud with 2 Data Centers in 10 cabinets for IT/Corp and OT/SCADA environments: IT/Corp had 6 VCenter environments and OT/SCADA had a separate one for each primary environment (8); with over 1500 servers using Rubrik for Backup and DR. Successfully convinced, designed, and implemented the first Shared Services environment for Capital project using Azure for local on-prem AD, Patching, Security/AV, Monitoring, and Video Surveyance for over 45 remote Data Closet locations using Purdue model for ICS security. Administrator for M365, SharePoint and Teams sites with integration and heavy use of Power BI and Automate. Federated partners and designed migration from On-prem AD to Azure AD. Using TCO from previous projects, designed plans to migrate IT/Corp from RSA+SecureID to Microsoft Authenticator and SSH for 2FA and SSO. Designed new Corporate Security Surveyance using Avigilon and Private/Hybrid Cloud based connections for both IT/Corp and OT/SCADA Video Surveyance shared services with Azure. Lead team to design a solution to migrate from on-prem UCCX platform for CX and UC to Cloud based services reducing Data Center footprint and relying more on Azure/M365 integration, eliminating desk phones. *Given the highly sensitive nature of their business and operations being a part of the nation's infrastructure I do not have any sample documentation, and am limited on discussing details from working at SJI.*

(Sanitized Architecture samples available upon request)