

Consultant Peter Gruenbeck

Systems Architect

Summary of Qualifications

Mr. Gruenbeck has worked in the document imaging and workflow industry since 1987 in the USA, Europe, and Australia performing his responsibilities in as systems architect, technical lead and project manager for quality assurance, software product engineering, architecture for large high performance systems, and professional services consulting.

Relevant Experience

(Medical supplies company), CA

Systems Architect / FileNet & Captiva expert

- Provided system performance analysis and review for FileNet Imaging System.
- Provided Business Continuity Planning for FileNet, Captiva Formware and other systems. Project included architecture for high availability and disaster recovery hot site.

FileNet, CA (for a national insurance company)

Systems Architect / FileNet Analyst

- Provided a multi-discipline system performance review. Areas reviewed included FileNet Image Services, SAN configuration, networks, J2EE and FileNet ISRA, customer application GUI, FileNet Capture, and Oracle database.

FileNet, CA (for a national mortgage company)

FileNet Analyst/Mentor

- Provided mentoring for FileNet ISRA, P8 Content and P8 Process Engine. Track down configuration issues in complex network environment between recently merged company networks.

DaVita, CA

Systems Architect / FileNet & Captiva expert

- Provided system architecture and design. Designed and implemented high performance automated data capture from fax system. Designed and implemented scan over internet solution. Provided oversight in implementation of stored procedures, integration and testing. Reduced production system maintenance requirement from 10 hours/day to 1 hour/week. Increased system capacity and performance 10x. Built demonstration monitoring and reporting web site using HTML, XML, XSLT, CSS, and VRML.

U.S. Veterans Administration, DC

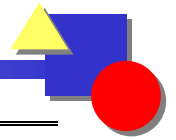
Database Architect / FileNet Specialist

Prepared system architecture and design. Designed complex large scale distributed Oracle database schema. Provided oversight in implementation of stored procedures, integration and testing.

CGU Insurance, OR

FileNet Conversion Specialist

- Prepared systems analysis documentation for complex conversion effort for Keyfile to FileNET database and image conversion project.



Vanguard Group, PA

FileNet Specialist/Architect for High Availability and Disaster Recovery

- Prepared system architecture, solution models for the range of FileNET products as relates to high availability and disaster recover.

FPS, Australia

System Architect / FileNet Specialist / Pre-sales consultant

- Prepared system architecture, pricing, solution models for a proposals to implement a high volume data capture system featuring FileNET and Captiva components and a multi-terabyte FileNET based data storage solution.

Softech & Associates, CA

System Architect / FileNet Specialist / Pre-sales consultant

- Prepared system architecture, pricing, solution model for a proposal to a FileNET Visual WorkFlo solution in a healthcare site.

Reliant Energy – Billing

System Architect / FileNet Specialist / High Availability

- Planned, tested and implemented system data migration plan to migrate a large Oracle database and FileNET system to a high availability cluster configuration. Providing ongoing FileNET IDMIS system maintenance.

Organics of OZ, CA

Web Designer

- Designed and implemented an E-commerce Internet web site.

Colonial (Insurance)

FileNet Specialist - Conversions

- Consulted on image and database conversion from DST/AWD to FileNet
- Led the investigative efforts of FPS and other resources to develop a migration strategy for a database and image conversion from a Tower system to FileNet.

New South Wales Births, Deaths, and Marriages

System Architect / Pre-sales consultant

- Provided System Architecture and Team Lead for a substantial pre-sales effort to prepare a multi-million dollar proposal for a government agency. The proposal included requirements for paper document conversion and upload, custom application development, hardware and software product acquisition, and outsourced support services.

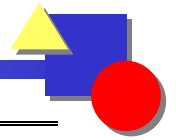
Commonwealth Bank of Australia (CBA)

FileNet Specialist - Conversions

- Provided System Architecture in the design of the new business capture workflow environment and of the system data and image conversion from an AS/400 Image Plus system to the FileNET Panagon IDM image server. This project also included extensive workflow FAX integration for both inbound and outbound processing.

Australian Army Human Resources

- Provided System Architecture in the complex conversion of a 10 year old proprietary platform FileNET system managing soldier personnel document records to the current NT based FileNET IMS. The conversion required skills to configure 3 temporary systems with peripherals, database conversion, product installation and upgrades, and process quality



management. Responsibilities on this project also included the architecture for a conversion from a WANG WIS system to FileNET IMS.

FPS – Professional Services

- Designed an integration of the FPS inFAX solution that overcomes the limitations for the FileNet WorkFlo/FAX product and provides an intuitive and flexible FAX handling application which has now been implemented and integrated at several customer sites.

Bankers Trust Funds Management

- Fit FPS inFAX solution into the BT document capture workflow.
- Provided new system installation and data conversion from old system, consulting on COLD implementation.

National Mutual Funds Management

- Fit FPS inFAX solution into NM document capture workflow.

CoINVEST Worker Benefits

- Integrated FileNET ICR, WorkFlo/FAX with existing document capture and Visual WorkFlo systems.

Legal & General Insurance

- Installed a new IMS system with Document Capture and Retrieval application, Customer Skills Transfer, and support for conversion of DST images to FileNET IMS.

Citibank Funds Management

- Conducted a Year 2000 Application and FileNET system audit and the subsequent architecture and planning of the necessary system upgrades to bring the systems into Year 2000 compliance. Integration of MIS data capture subsystem, application change controls to the Funds Management Administration workflow system, Consulting on Infrastructure support for User Test Environment and Configuration Management.
- Planned migration to 32 bit platform and net-centric configuration. Citibank was an early adopter of FileNET Visual WorkFlo in Australia.

First State Funds Management

- Provided System Architecture in the design and development of the Funds Management Administration solution for Unit Trust and Superannuation. The solution also included field integration with FileNET Imaging, FileNET COLD, Rumba, workload monitoring and management reporting from the workflow. First State Fund Managers was the first Australian site to select and implement a solution based on FileNET Visual WorkFlo.

Perpetual Trustees Funds Management

- Provided New System Delivery, Document Capture and Retrieval, Back file Conversion, delivery of Funds Management Administration solution.

Mobil Oil Accounts Receivable

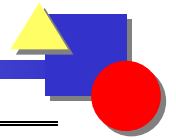
- Worked as Project Manager for initial system installation and ICR integration, Wide Area systems architecture.

Advance Bank Mortgages

- Provided IMS Performance Tuning, FDOS to HP-UX system conversion, High Availability and DRP system architecture

Zurich Insurance

- Provided New System Delivery, Application Performance Analysis.



Shared Enterprises Credit Union Services

- Worked as Project Manager for new system installation, FDOS to AIX conversion.

St George Bank Retail Banking

- Worked as Project Manager for new system installation and data conversion from old system.

Education

Consultant holds a Bachelors of Science in Information and Computer Science from University Of California, Irvine, U.S.A.

- Knowledge Management
- Distributed Databases
- Time and Space analysis of Algorithms
- Artificial Intelligence
- Parallel Computing Systems
- Project Management
- Compiler and Interpreter Design
- Computer Graphics
- Operating Systems Design

Mater Dei Catholic High School, Santa Ana, CA
Eagle Scout & OA Vigil Honor, Boy Scouts of America

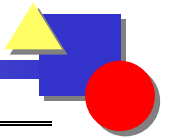
Industry Products

FileNet Products

- FileNet P8 Developer Certified 2003
Content Engine, Process Engine and Application Engine, FileNet ISRA image services resource adapter. J2EE and Java.
- System Performance Analysis.
- FileNET Panagon incorporating Image Services, Panagon Desktop, Content Services, Visual WorkFlo, and eProcess, Web Services.
- Large, Wide Area, High Performance and High Availability Systems Architectures, Business Continuity Planning and architecture.
- FileNET System Implementation and Application Startup Package.
- Captiva Formware for automated forms data capture using OCR, OMR, Barcode and handprint recognition
- Optus FACsys Network Fax

Web Development

- Macromedia tools for web development incorporating Dreamweaver, Fireworks and some Cold Fusion and Flash.
- XML, XSLT, VRML, CSS, HTML, Javascript, ASPFileNet Products
- FileNet P8 ISRA, Content Engine, Process Engine, Application Engine
- Panagon Image Services, Saros, Content Services, Workforce Desktop
- VRML, CSS, XML, XSLT, HTML, Javascript, Vbscript, Macromedia Cold Fusion



Operating Systems and Database

- UNIX script, Visual Basic, C, C++
- Microsoft Windows, RS/6000 AIX, HP/UX
- Oracle, SQLserver, Microsoft Access, Microsoft Office

FPS Product and Service Development:

- FPS inFAX document capture and related services
- FPS inPort conversion tools and related services
- FPS Administrator support service
- FPS Optical Defragmentation and related services

Other solutions:

- Web based scanning solution
- FileNET to PDF file generation
- Web, XML and CSS based system monitoring and reporting system using an XML based data warehouse.

Other products:

- Macromedia tools for web development incorporating Dreamweaver, Fireworks and some Cold Fusion and Flash.
- UNIX script, Visual Basic, C, C++
- Microsoft Windows, RS/6000 AIX, HP/UX
- Oracle, SQLserver, Microsoft Access, Microsoft Office
- XML, XSLT, VRML, CSS, HTML, Javascript, ASP

FileNet Certification

- FileNet P8 Developer Certified 2003
- FileNet Panagon Administrator Certified 2000