

Robert Freeman

Website: <http://www.votematrix.com>

Blog: <http://rrfreeman.blogspot.com> - LinkedIn: in/rrfreeman



SharePoint Developer 2010



SharePoint Administrator 2010



SharePoint 2010, Configuration
SharePoint 2010, Application Development
Microsoft Office SharePoint Server 2007, Configuration
Microsoft Office SharePoint Server 2007, Application Development

ROLES

- 11 years - Solutions Architect and Systems Integrator
- 7 years - Consulting Practice Manager and Chief Technology Officer
- 14 years - Software Developer: Object Oriented Enterprise Applications
- 20 years - Database Engineer
- 11 years - Technology Community Contributor, Mentor, Lecturer, and Presenter

EXPERIENCE

[VoteMatrix, Inc.](#) - Consulting Practice and Principled Voting Technology

Founder, Futurist, and Chief Solutions Architect (S Corp - Founded 2011)

10/12 – present

Environment:

Office 365, SharePoint Server 4.0 – 6.0 / 2010-2016,
SharePoint Designer 2007- 2016, ASP.Net 4.0, Visual Studio 2010 / 2012,
SQL Server Express 2008, Dynamic Data Framework, SourceAnywhere Hosted,
GoDaddy Domain Registration, Cloud Hosted Asp.Net and SQL

Responsibilities:

- Business development involving partnerships with other consulting firms and direct clients
- Founded and architected the VoteMatrix Political Matchmaking (VMPPM) and Mobile Ballot prototypes
- Architected and developed the VMPPM SQL database, U.S. legislative data import utilities, and an Asp.Net UI prototype using LinqToSql and the Dynamic Data Scaffolding Framework
- Developed a business plan, implemented a public website, and developed a time tracking system in Office 365
- Personal project: Invented the PhoneThrone Collapsible Device Stand (patent pending). Branded, marketed (Kickstarter and YouTube videos), and 3D solid model drafted. Manufactured by CNC facility in China.
- Attended third party app demos at SharePoint/Ignite conferences and vendor webinars: Nintex (forms/workflows), K2 (workflows), HarePoint (workflows/add-ons), AvePoint (migration/blob), Idera (migration), Metalogix (migration), ShareGate (migration/classification), Tsunami (migration), Bamboo Solutions (workflow/add-ons), BoostSolutions (add-ons), Sparqube (add-ons), KWizCom (add-ons), and more
- Organized and lead rallies founding the VoteMatrix Revolution to Fix Democracy. Redeveloped a public facing website using the Wix web hosting platform. Live streamed to Facebook and YouTube. Developed Bing, Facebook, and Google advertising campaigns and performed SEO (search engine optimization) on the VoteMatrix public website. Uber ride sharing driver in order to interact with the public and supporters.

Client – SMUD (Energy Provider) (via AgreeYa)

11/17 – Present

Project - SharePoint Solutions Architect

11/17 – Present

Environment:

SharePoint Server 2013, Office 365, Metalogix ControlPoint

Summary:

SharePoint Solution Architecture, Governance, Support, Development, Mentoring

Responsibilities:

- Lead Solutions Architecture, Development, Implementation, and Training for the following new solutions
 - PAC – Public Agency Clearinghouse – Governmental Response Documents
 - Document collaboration, review, tracking, and approval solution
 - IPPS – Printing Press and Publishing Services
 - Work intake, routing, and processing solution
 - North Star – Executive vision and win tracking solution
 - Employee recognition and information portal with a custom theme and clean interface
 - Environmental Management – Project management, collaboration, and work intake system

- EDBPB – Energy Delivery Business Processes and Budget – Project Management
 - Work Intake and tracking solution
- CMCRC – Communications
 - Campaign, operations and maintenance, initiative, and project tracking solution
- Top level support representative troubleshooting 90% of assigned issues within 4 hours of submission
- Office 365 Migration planning, governance, and information architecture (SharePoint 2013 Hybrid)
 - Notification and communications planning
 - Migration strategy, agile planning sessions, and as-is system analysis
 - Mitigation plan and to-be architecture
 - Managed navigation configuration
 - Enterprise and people search planning and configuration
- Records management governance and consulting

Client – CalHFA (Housing Finance Agency) (via Providence)

7/13 – 2/18

Project - SharePoint Solutions Architect

7/13 – 2/18

Environment: SharePoint Server 2016 - 2010, MS SQL Server 2016 / 2012 R2 / 2008 R2, Office 365

Summary: SharePoint Solution Architecture, Governance, Deployment, Development, Mentoring

Responsibilities:

- Architected and planned for SharePoint 2010 to SharePoint 2016 migration of 1.5 TB (terabytes) of data
- Performed PowerShell scripted installations for SharePoint 2013 and 2016 Farms on VMWare in Sandbox (test), Dev, and Production environments
- SharePoint ECMS Governance planning
 - Including custom archival process development and implementation
- Scripted and Deployed the SharePoint 2013 Extranet Farm
- Worked with the CTO to support a solution with over 90,000 document libraries, over 700 sites, and custom data import processes
 - Developed an Event Receiver to handle creation and updates of document libraries
 - Developed a “database to list” synchronization tool integrating an antiquated LOB system
 - Developed an “ECM Tools Link” 2010 web part. Redeveloped later to support 2016 w/ jQuery ScriptLinks
 - Custom master page with automated deployment to all 700 sites.
- Troubleshot various infrastructure and solution issues unsolvable by MS Tech support
- Mentored development staff in SharePoint Designer and Visual Studio best practices

Client – California Dept. of Insurance (ESG / Providence)

10/12 – 5/17

Project – Oracle/Java/SP to CRM Migration and Integration: CDI Menu

1/16 – 5/17

Environment: MS CRM 2015, SharePoint Server 2010 to 2016, MS SQL Server 2014
Windows Server 2012 R2 JavaScript, Visual Studio 2015

Summary: SharePoint and CRM Development Consulting, Deployment, Development

Responsibilities:

- Consulted on and developed solutions for the CDI Menu Modernization project for moving the CDI Menu system from Oracle to MS CRM integrated with SharePoint for Document Management
- Mentored CDI's Sr. developers on solution development for CRM to SharePoint integration
- Architecture and development utilizing cross-system Asp.Net web service calls and JSOM (JavaScript Client Object Model) code between SharePoint and MS CRM
- CRM custom actions triggering SharePoint event receivers, customized forms, and workflows
- Troubleshooting and repairing CRM and SharePoint cross-farm networking issues
- Office 365 and CRM Online migration consulting (future considerations)

- Migration and integration of data across Oracle DBs, SharePoint farms, and MS CRM

Project – CDI HR Personnel Action Notification (PAN) system

7/16 – 3/17

Environment: SharePoint Server 2013 – 2016, MS SQL Server 2014, Windows Server 2012 R2
SharePoint Designer 2013, JavaScript, Visual Studio 2015

Summary: SharePoint Solution Architecture, Deployment, Development

Responsibilities:

- Architected and developed a SharePoint list based PAN solution
- Developed a custom HTML and Javascript based display form to adhere to department approved PAN template formatting
- Color coded modified PAN feature using content type and custom JavaScript solution
- Records management implementation and secure HR integration with existing LOB system
 - Parent child relationship integration with Simego synchronization
- Email distribution list management system
- Configured a Document Set based RPA (Request for Personnel Action) package management system to manage scanned documents mapped to an Employee ID and tracked to physical document locations via a unique Doc Set identifier
 - Check in and check outs with Doc Set level versioning and metadata management
- Configured views / reports to identify status of check outs, workflow activities, and action updates / retractions

Project – CDI Risk Management System

3/16 – 6/16

Environment: SharePoint Server 2013 to O365, MS SQL Server 2014, Windows Server 2012 R2
SharePoint Designer 2013, JavaScript, Visual Studio 2015

Summary: SharePoint Solution Architecture, Deployment, Development

Responsibilities:

- Architected and developed an enterprise “Risk Management” SharePoint site to track, approve, and prioritize vision statements and service requests
- Included a JavaScript solution for dynamically embedding informational popups in native SharePoint forms
- Managed Metadata navigation and “Risk Taxonomy” term store configuration
- Successfully migrated to Office 365 SharePoint

Project – CDI Technology Vision Site and Service Request System

1/16 – 3/16

Environment: SharePoint Server 2013, MS SQL Server 2014, Windows Server 2012 R2
SharePoint Designer 2013, JavaScript, Visual Studio 2015

Summary: SharePoint Solution Architecture, Deployment, Development

Responsibilities:

- Architected and developed an executive level “Vision” SharePoint site to track, approve, and prioritize vision statements and service requests.
 - Included workflows and alerts for collaboration amongst IT, deputy chiefs, department head, and the insurance commissioner.
- Utilized custom document set content type with auto populated metadata fields and Service Request template
- Developed an event receiver for a document library to conditionally prevent updates.
 - This event receiver was reused within CDI for MS CRM integrated document libraries

Project – Market Conduct Examination Collaboration Solution (Prototype & Phases 1-2)

10/12 – 6/15

Environment: SharePoint Server 2010, MS SQL Server 2008 R2, Windows Server 2008 R2, Idera
Muhimbi, Documentum, Java, Oracle, SQL Developer, OpenText Hummingbird DM, KnowledgeLake,
CRM

Summary: SharePoint Solution Architecture, Deployment, Development, Mentoring

Responsibilities:

- Architected a SharePoint collaboration solution to facilitate the Market Conduct Division's examination process daily operations and exam management
 - SharePoint solution developed to automate: site provisioning; security configuration; document templates; project planning; and metadata defaults
- Architected, migrated, and implemented a public facing search and publishing solution for the Market Conduct Division's examination and response records
 - Migrated content from and replaced the antiquated OpenText Hummingbird DM solution
 - Built custom BDC models for external content types, pulling data directly from Oracle DBMS
 - Customized advanced search, managed properties, and refinement panel
 - Lead the development of cross-farm publishing workflows to facilitate internal to DMZ publishing
 - Integrated Muhimbi PDF conversion tool and utilized the Idera migration platform
 - Developed a custom XSLT List View Web part based filtered search interface.
- Including: task based workflow design; scheduling; enterprise content management; Documentum end of life publishing; and public web site publishing
- MS Dynamics: CRM integration planning and recommendations

Client – Perfect Parking

10/15 – 12/15

Project – Mobile Parking Accounting Application

10/15 – 12/15

Environment: Office 365, SharePoint, Android, HTML 5, SP.JS (client object model), Power BI Desktop

Summary: SharePoint Solution Architecture, Deployment, Development, Analysis

Responsibilities:

- Joint venture to build an inventory and accounting tracking app for parking lot ticket sales
- Architected a solution with a front end mobile app used directly from parking lot tablets integrated with an Office 365 Sites (SharePoint) backend

Client – CDCR (California Department of Corrections) (via Delegata)

6/14 – 12/15

Project – SharePoint 2013 Upgrade and DRP Solution Development

6/14 – 12/15

Environment: SharePoint Server 2013-2010, MS SQL Server 2012-2008 R2, Windows Server 2012-2008 R2

Summary: SharePoint Solution Architecture, Administration, Support, Development, Training, Mentoring

Responsibilities:

- Lead the upgrade of 3 on-premises SharePoint farms for approximately 25,000 users in a highly secured environment
 - 39 Servers across 8 farms
- Extranet 2007 to 2013 migration and farm deployment
- Intranet 2010 to 2013 upgrade and farm deployment
- Project Server 2010 to 2013 upgrade
- Site creation guide, request process, and policies
- Site reorganization including site collection splits, URL renames and, redirects
- Developed the [SharePoint Migration and Administration Notification Tool](#) - see CCHCS below

Client – Everest Solutions Group (ESG Network)

10/12 – 6/15

SharePoint Practice Manager and Lead Architect

10/12 – 6/15

Environment: SharePoint Server 2013, MS SQL Server 2012, Windows Server 2008 R2
EMC Documentum, Oracle

Summary: SharePoint Practice Manager and Lead Architect

Responsibilities:

- Worked with the VP of Development to start the firm's SharePoint practice
- Integrated Office 365 into the project collaboration process

- Interviewed and reviewed candidates to build a top-tier team of consultants within budget constraints
- Analyzed new proposals and initiatives for feasibility and project estimation
- Managed customer relationships and business development

Client - Benge Law - Legal Practice

9/09 – 6/15

IT Services Consulting

9/09 – 6/15

Environment: BPOS, SharePoint Online, Office 365, Exchange Online, GoDaddy
LexisNexis Time Matters and PCLaw, DropBox

Summary: Small business infrastructure planning and general support

Client – CCHCS (California Correctional Health Care Services) (via Providence)

1/14 – 6/15

Project – SharePoint Governance + SharePoint and CRM Migration and Support

1/14 – 6/15

Environment: SharePoint Server 2010, MS CRM 2011, MS SQL Server 2008 R2, Windows Server 2008 R2

Summary: SharePoint Solution Architecture, Governance, Development, Training, Mentoring

Responsibilities:

- Architected and implemented the CCHCS SharePoint Governance Plan including:
 - Site structure reorganization plan and migration
 - Site disposition plan and unused site cleanup
 - Site creation guide, request process, and policies
 - Site reorganization including site collection splits, URL renames and, redirects
- Developed the [SharePoint Migration and Administration Notification Tool](#) as part of the migration communications plan
 - Cross-purpose configurable solution dual-purposed for CDCR, splitting dev costs by feature
 - SP.js SharePoint Client Object Model, custom list definition, and control template additional page header
- Support and troubleshooting of production SharePoint farm
- Support and troubleshooting of production CRM farm with document management integration and custom integrations with MS SharePoint
- Project team of 3+ members in addition to consulting for the client SharePoint team (4 IT Pros)
- Managed risks resulting in the success of project through 4 changes in sponsors and under SDLC based deliverables rather than Governance based deliverables

Client – PixelMill (Web Design Firm)

4/13

Environment: Office 365, MS Dynamics CRM Online, iOS, Android

Summary: MS Dynamics CRM and Gmail integration

Kiefer Consulting, Inc. – Consulting Firm

CTO and Senior Lead SharePoint and .Net Solutions Architect

7/06 – 10/12

Environment: SharePoint Services / Foundation / Server 3.0-4.0 / 2007-2010, Visual Studio 05-12
SharePoint Designer 2007-2010, MS SQL Server 2000-2012, SourceGear Vault,
ADFS, Office 365, Lync Online, BPOS, SharePoint Online, Exchange Online, TFS
ASP.Net, CSS, VB.Net, C#, ADO.Net, XML

Summary: Chief Technology Officer and SharePoint Practice Lead Architect

Responsibilities:

- Started the firm's SharePoint practice, working directly with the owner
 - Grew the practice from scratch to over a million dollars annually in revenue
 - Helped position the company as the leading SharePoint solution provider in Northern California
- SharePoint ECMS Governance Planning and Implementation
 - Including Team Site self-provisioning strategy
- Managed the corporate services move to cloud services utilizing Office 365

- Included ADFS SSO, Lync Online, Exchange 2010/Online hybrid, and SharePoint Online
- Assisted in developing and managing the public, intranet, and extranet web sites utilizing SharePoint Server 2010 and Hyper V virtualization
- Consulted on corporate purchases, infrastructure plan, and marketing strategies
- Prepared project proposal material including Visio solution diagrams, PowerPoint presentations, live demos, marketing materials, and technical overviews and responses
- Helped build a proposal management system in SharePoint 2010 utilizing document sets and a mail enabled document library
- Ensured customer satisfaction by delivering quality solutions tailored to the customers' needs
- Architected an expense tracking system for employees and HR on SharePoint 2010
- Created a comprehensive, distributable developer virtual box VM to reduce project startup time
- Optimized the Business Development portal to streamline requests for proposal and bid processing
- Mapped corporate business unit strategies and partners using MindManager
- Consulted on MS Dynamics CRM use, SharePoint integration, and custom app development
- Lead a team of developers to create the Kiefer Web Conversion Kit product to easily migrate and manage E-Services mandated CA.Gov website templates via the SharePoint Server 2007 web content management system
- Installed many SharePoint Server 2007 to 2013 farms for development and production environments
- Trained Consulting Firm employees on SharePoint Server 2007/2010 utilization
- Prepared and delivered numerous live SharePoint demonstrations
- Provided Microsoft SharePoint Deployment Planning Services (SDPS)
- Built several MOSS 2007 and SharePoint 2010 Virtual Servers for demonstration and development
- Migrated the Consulting Firm's website into the SharePoint Server 2007 Beta 2 web content management system
- Presented on Visual Web Part development at SharePoint Saturday Sacramento 2011, [SharePoint Exchange 2010](#) in Sacramento, a Microsoft open technical session in Sacramento, and the Sacramento .Net User Group. Included SharePoint 2010 Visual Web Part development with SPMetal, custom properties, modules, solution packages, and list instances. Included a SharePoint primer.
- Presented "Web Part Creation" at the Kiefer InfoPath Edunarsm (11/07)
- Presented "[DataGridView with a Detail Edit Form](#)" at the Sacramento .Net User Group (9/07)
- Presented "Web Content Management" at the Kiefer SharePoint Edunarsm (9/06)
- Beta Tested SharePoint Server 2007 – Beta 2 and B2 Technical Refresh (B2TR)

Client – California Independent Service Operators (CA Power Grid) 10/08 – 10/12

Project – Operations and Procedures Document Management Redesign (PPRLM) 6/12 – 10/12

Environment: SharePoint Server 2010, MS SQL Server 2008 R2, Windows Server 2008 R2
MS Access 2012, K2, Visual Studio 2012

Summary: SharePoint Solution Architecture, Deployment, Development, Access Migration

Responsibilities:

- Architected a SharePoint document and records management redesign for the CalISO's Operations and Procedures Management department
- Coordinated and developed a MS Access to SharePoint migration unifying metadata within SharePoint
- Developed a taxonomy and schema plan, merging 2 site collections and developing SSRS reports and SharePoint views against the post-migration data
- Architected and developed a document version history reporting solution utilizing SharePoint event handlers, workflows, and SSRS
- Developed a version history extraction Windows 64 bit application (published on CodePlex)

Project – Market Participant Portal (MPP) 10/08 – 2/10

Environment: SharePoint Server 2007, MS SQL Server 2008, Windows Server 2008, ClearTrust JQuery, VMWare, AJAX Toolkit 3.5, Web Services, .Net 3.5, JavaScript, IE6
Return of SmartPart, Oracle, Success Factors SSO, SharePoint Guidance Kit, Bamboo Solutions
Summary: SharePoint Solution Architecture, Deployment, Development, Hiring, Team Lead

Responsibilities:

- Architected a SharePoint Extranet Portal site for CalISO's Market Participants spanning Western North America. The Market Participant Portal was designed as a single point of entry dashboard display of the most common information and links to appropriate applications
- Included AJAX automatic refresh and paging of dynamic content web parts
- Created SmartCache, a multi-threaded farm level caching solution to reduce back-end server load
- Created SmartLog, a logging and tracing implementation of the SharePoint Guidance Kit's ULS logging system
- Created AutoRefreshUserControl inherited class to enable AJAX Auto Refreshing and Web Part independent processing to reduce back-end server load
- Web parts utilizing Return of SmartPart User Controls via a custom Return of SmartPart implementation
- Security trimmed links and web parts with user targeted and secured content from multiple web services
- Performance tested, load balanced farm architecture
- Production failover farm with asynchronously mirrored and client aliased content database
- Architected and deployed development, test, and staging farms to host MPP and other SharePoint projects
- VMware virtualized hardware throughout
- Developed 2 workarounds for SharePoint issues, documented in blog and community content
- Created the open source [HTMLFilter](#) project
 - A webserver response replacement UserControl for fine tuning out-of-the-box SharePoint and Asp.Net site functionality: <http://htmlfilter.codeplex.com/>
- Theme, layout, and Master Page architecture
- Personalization enabled
- Audience targeted
- Utilized LDAP Authentication and Role Provider with SSL termination via ClearTrust and reverse-proxy servers

Project – ECurrent Intranet Site and Success Factors Single Sign On

10/08 – 10/09

Environment/Summary:

Same as MPP

Responsibilities:

- Architected a SharePoint Intranet site for CalISO's internal Employees. The ECurrent Intranet site would act as the corporate wide home page and would also act as the new document management system, replacing DocuShare.
- Performance tested, load balanced farm architecture
- Production failover farm with asynchronously mirrored content database
- SQL clusters configured for each production farm utilizing physical servers
- Developed a 3DES encrypted Single Sign On solution for Success Factors

Project – MS SQL Server Reporting Services Proof of Concept

5/09 – 9/09

Environment:

SharePoint Server 2007, MS SQL Server 2008 SSRS, Windows Server 2008

Summary:

SharePoint Solution Architecture, Deployment, Development, Hiring, Team Lead

Responsibilities:

- Architected and deployed a MOSS integrated SSRS solution for CalISO's internal use
- Interviewed and approved Report Designer to develop the ABC reports
- Load balanced MOSS integrated architecture for high availability and scalability
- Utilized SQL server cluster for SSRS databases

Client – Vanir Construction Management

10/11 – 9/12

Project – CDCR Facilities Planning and Construction Management system

10/11 – 9/12

Environment: SharePoint Server 2010, SharePoint Designer 2010, VS2010, Nevron Charts, SSRS
Summary: SharePoint Solution Architecture, Planning, Analysis, Development, Configuration
Responsibilities:

- Architected and lead the team in building a cutting-edge Construction Management solution heavy in Business Intelligence (BI) dashboards and charts
- Lead the team in preparing detailed business requirements, planning, and architecture documentation to accurately estimate and plan the solution
- Architected and installed a SharePoint cloud hosted infrastructure production extranet farm
 - Utilized industry standard scripted installation
- Utilized SharePoint Boost Cascaded Lookup, Lookup Boost, AD Management, and List Collection web parts/columns
- Utilized Nevron SharePoint Charts to display aggregated list data throughout site
- Worked with team to implement a dynamic and space saving AJAX navigation system utilizing SharePoint standard navigation source as part of a complete rebranding package
- Developed a lookup column and other field dynamic default configuration utility as a SharePoint event handler
- Developed SharePoint site templating and provisioning PowerShell scripts using PowerGUI

Client – EMF Broadcasting (KLOVE, Air1 Radio)

12/10 – 8/12

Project – Support Contract

1/12 – 8/12

Environment: SharePoint Server 2007/2010
Summary: SharePoint Architecture, 2007/2010 Upgrade, Troubleshooting
Responsibilities:

- Consulted on upgrading all SharePoint Server farms from 2007 to 2010
- Developed a process to upgrade SharePoint Fab40 Help Desk template
- Deployed SharePointBoost’s Batch Check In utility
- Architected a content management and retention policy plan

Project – Help Desk, Change Request, and Work Item Management

12/10 – 1/11

Environment: SharePoint Server 2007, SharePoint Designer 2007, KwizCom Cascading Lookup Plus
Summary: SharePoint Solution Architecture, Analysis, Configuration, Mentor
Responsibilities:

- Architected, configured, and deployed an enterprise help desk ticket, change request, and work item management system using MOSS 2007 with SP Designer 2007
- Solution features: custom alerts; state change based notifications; state machine workflows; customer notifications; change request integration; promotion from ticket; child work items; work item integration; key performance indicators; service level agreement (SLA) calculated fields; deadline notification; approval workflows; custom fields; custom add item forms; linked web parts; and cascaded dropdowns

Client – Evolve Technology Group

1/12 – 10/12

Project – Project Management System (ad-hoc contract)

1/12 – 10/12

Environment: SharePoint Server 2010, SharePoint Designer 2010, Excel 2012, SharePointBoost
Summary: SharePoint Solution Architecture, Analysis, Configuration, Mentor
Responsibilities:

- Architected and implemented a SharePoint contract/project management and time keeping system to replace a manual Excel spreadsheet system
- Timesheet, rates, and services project lists
- Developed 3 SharePoint designer workflows

Client – Ahtna Facility Services, Incorporated

12/10 – 10/11

Project – US Dept. of Energy Naval Petroleum Reserve RIMS Production

3/11 – 10/11

Environment: SharePoint Server 2010, SharePoint Designer 2010, Vizia Essential

Summary: SharePoint Solution Architecture, Analysis, Configuration, Mentor

Responsibilities:

- Architected and installed a SharePoint on-premises production extranet farm
 - Utilized industry standard scripted installation
- Lead the team in architecting and configuring the production solution
- Lead the development team in building a custom “copy to multiple” workflow

Project – US Dept. of Energy Naval Petroleum Reserve RIMS Prototype

12/10 – 3/11

Environment: SharePoint Server 2010, SharePoint Designer 2010,

AvePoint File Share Document Connector, Vizia Essential

Summary: SharePoint Solution Architecture, Analysis, Configuration, Mentor

Responsibilities:

- Architected and configured a public facing Records Information Management System with integrated Collaboration Extranet prototype for archiving and accessing historical Department of Energy Naval Petroleum Reserve (DOE NPR) scanned documents and other NPR geospatially categorized information
- Utilized AvePoint’s File Share Document Connector using Remote BLOB storage
- Implemented Vizia Essential for search center document preview
- Mentored the team in proper SharePoint taxonomy and configuration

Client – Fairfield-Suisun Sewer District

5/11 – 6/11

Project – Facility Monitoring Trend Charts

5/11 – 6/11

Environment: SharePoint Server 2010, SharePoint Designer 2010, SQL Server 2008, Dundas Charts

Summary: SharePoint Solution Architecture, Analysis, Configuration, Mentor

Responsibilities:

- Configured Secure Store Service for authentication with the Facilities Monitoring SQL Database
- Created and secured chart specific database Views in SQL Server
- Created External Content Types against the database for use in specific Chart Web Parts
- Documented processes and mentored staff

Client – Medtronic

2/11 – 4/11

Project – SharePoint and InfoPath Consulting

2/11- 4/11

Environment: SharePoint Server 2007, SharePoint Designer 2007, InfoPath 2007

Summary: SharePoint Configuration, Troubleshooting, InfoPath Form Design

Responsibilities:

- Troubleshot and fixed various InfoPath and SharePoint related issues
- Recommended architectural changes as needed

Client – Golamac, Inc.

1/11

Project – Tarlton Corp. SharePoint UI Theme

1/11

Environment: WSS 3.0, SharePoint Designer 2007

Summary: SharePoint UI Design, Firebug, IE Developer Tools

Responsibilities:

- Applied the <http://www.TarltonCorp.com> public web site theme to 20+ SharePoint intranet and extranet sites
- Created themes and master pages based on the public web site style utilizing existing styles and images

Client – EM Systems**03/10 – 10/10, 1/11****Project – Response Manager (Emergency Response Management and Alerting)****03/10 – 10/10, 1/11**

Environment: MS Search Server 2008, SharePoint Server 2007, SharePoint Portal Server 2001
MS SQL Server 2008, Windows Server 2008/2001, VMWare, .Net 3.5, IE8, VBScript, PowerShell,
SharePoint Designer 2007, FireBug, IE Developer Tools

Summary: SharePoint Solution Architecture, Design, Deployment, Development, Mentor

Responsibilities:

- Helped architect a SaaS (Software as a Service) hosted multi-tenancy SharePoint solution for the Response Manager product ensuring data isolation among tenants
- Recommended and helped implement a downgrade from MOSS 2007 to 64bit MS Search Server 2008 to save hundreds of thousands of dollars in licensing costs and provide a SharePoint 2010 upgrade path
- Recommended and helped develop a stand-alone virtual development environment to dramatically increase developer productivity throughout the RM team, likely saving the company hundreds of thousands of dollars in developer time and project overhead. Prior solution included three VMs per developer, inconsistent deployments, difficult snapshot process, and manual installations of RM multiplied by major release and developer.
- PowerShell scripted SharePoint Search Server 2008 search configuration including PDF and MS iFilter installations, crawl scheduling, start addresses, and managed property to crawled property metadata mapping
- SharePoint Search interface enhancements including 'Open Containing Folder' document shortcuts, Metadata Labeling, Advanced Search updates, iFilter installation, document icon updates, and OSSSearch.aspx to Results.aspx redirection
- All changes were deployed as a SharePoint Solution or Feature since RM is a distributed application
- Mentored other Development Team Leads on SharePoint Solutions best practices
- Designed and implemented a SharePoint hosted OneNote Developer Orientation and Knowledgebase section to decrease new developer ramp-up time
- Triaged and repaired several SharePoint related product bugs
- Developed a VBScript scrub utility to facilitate document migrations from SPS 2001 to MOSS 2007
- Developed a .Net MOSS audit log translator tool to translate cryptic log messages
- Implemented UI theme changes

Client – California Department of Corrections**8/09****Project – SharePoint Intranet****8/09**

Environment: SharePoint Server 2007, MS SQL Server 2008

Summary: SharePoint Solution Architecture, Deployment

Responsibilities:

- Deployed a Large SharePoint Farm using a mirrored automated failover architecture

Client – California Department of General Services**7/09****Project – SharePoint Intranet****8/09**

Environment: SharePoint Server 2007, MS SQL Server 2005

Summary: SharePoint Solution Architecture, Deployment

Responsibilities:

- Deployed a SharePoint Farm using DBA deployed databases
- Architected a workaround for a MS bug with DBA deployed database when running in a highly restricted security environment

Client – California State Lottery**6/07 – 10/08****Project – CaLottery.Com Public Website Architecture and Development****7/08 – 10/08**

Environment: SharePoint Server 2007, MS SQL Server 2008, Windows Server 2008

AJAX Toolkit 3.5, .Net 3.5, Silverlight 2.0, Flash CS4, JavaScript, IE6+, FireFox, Opera

Summary: SharePoint Solution Architecture, Development, Hiring, Team Lead

Responsibilities:

- Architected a SharePoint Web Content Management and .Net 3.5 solution to replace the existing CaLottery.Com public website adhering to ADA compliance requirements
- Consulted on database and data load application architecture to store gaming vendor data
- Architected and helped develop a Silverlight ad-rotator control, populated via a custom SharePoint list
- Lead the development of Master Pages, Page Layouts, CSS, AJAX components, and JavaScript to meet the design requirements

Project – Retail Website Data-load

6/07

Environment: MS SQL Server 2000, Visual Studio 2005

Summary: SSIS Consulting, SQL Data Import, Solution Architecture, VB6 to .Net 2.0 conversion

Responsibilities:

- Architected a .Net 2.0 solution to upgrade and consolidate an existing weekly data import application
- Automated FTP import, decryption, encryption, data transformation, database inserts, and replication
- Highly diverse data types: fixed width, csv, xml, with variable recursive column parsing
- Built several SQL Server stored procedures for data import and database migration
- SSIS (SQL Server Integration Services) module prototype development
- Utilized an existing staging database

Client – California Department of Child Support Services

7/07 – 3/08

Environment: SharePoint Server 2007, MS SQL Server 2005, CorasWorks

Summary: SharePoint Solution Architecture, Development, Training, and Implementation

Responsibilities:

- Architected an extranet SharePoint solution to provide content management and collaboration to statewide County Child Support Agencies as part of the \$1.7 billion CCSAS project
 - Over 3000 users
- Migrated content from a custom ASP content management system to MOSS
- 5 year deployment plan, including a SAN, 2 application servers, and 2 front end web servers
- Designed a single sign on solution to integrate with an existing extranet security implementation
 - LDAP membership and role providers using an AD user store
 - Persistent or non-persistent cross-farm cookie by zone (intranet or extranet)
- Security hardened extranet network topology utilizing multiple subnets and port configurations
- No trust AD domain architecture
- DBA installed databases
- End user demonstrations and training sessions
- Met rollout deadline despite major hardware acquisition delay
- CorasWorks integration
- TrendMicro Portal Protect

Client – California Gambling Control Commission

5/07

Environment: SharePoint Server 2007

Summary: One on One, Two Day SharePoint Training Class

Responsibilities:

- Prepared and taught a 2 day SharePoint 2007 Configuration training course

- One on one instruction with a custom curriculum and training manual developed in-house

Client – Sacramento County Municipal Services

8/06 – 5/07

Environment: Visual Studio 2005, ASP.Net, VB.Net

Summary: Lead several developer training sessions

Responsibilities:

- Lead a 6 hour course on SharePoint Server 2007 and SharePoint Designer 2007
- Lead a 6 hour course on Visual Studio 2005 ASP.Net 2.0 New Web Controls
- Lead a 3 hour course on .Net 1.1 to 2.0 Conversion and VB.Net Refactor! for Visual Studio 2005

Client – California Department of Conservation

4/07 – 5/07

Environment: SharePoint Server 2007, MS SQL Server 2005

Summary: SharePoint Analysis and Web Conversion Kit Implementation

Responsibilities:

- Consulted on SharePoint web content management architecture and migrating all existing public facing websites to the E-Services mandated CA.Gov website templates adhering to ADA compliance requirements
- Worked with a team of developers to plan the migration and develop a .Net migration tool
- Planned and implemented two SharePoint farms (internal authoring and public deployment) for prototyping and development
- Documented installation procedures for installation in production environment
- Prepared and presented a customized demonstration of the Consulting Firm's CA.Gov Web Conversion Kit

Client – Sacramento Municipal Utilities District (SMUD)

5/07

Environment: SharePoint Server 2007, MS SQL Server 2005

Summary: SharePoint Solution Architecture, Training, and Implementation

Responsibilities:

- Architected a SharePoint solution to meet team collaboration and content management business requirements
- SharePoint infrastructure analysis and design
- Trained administrators via guided configuration sessions resulting in a complete solution implementation
- Developed a custom solution to allow FTP links within a Document Library

Client – California Legislative Counsel Bureau

3/07

Environment: SharePoint Server 2007

Summary: One on One, Two Day SharePoint Training Class

Responsibilities:

- Prepared and taught a 2 day SharePoint 2007 Configuration training course
- One on one instruction with a custom curriculum and training manual developed in-house

Client – California Employment Development Department

12/06

Environment: Visual Studio 2005, IIS 5.1, SQL Express 2005, VB.Net

Summary: Developer training courses on ASP.Net and ADO.Net

Responsibilities:

- Installed Visual Studio 2005, IIS 5.1, and SQL Express 2005 on student workstations
- Taught two 6 day courses over 4 weeks. 6 days of ASP.Net and 6 days of ADO.Net
- Each course ended with a day of real-world work using the course's material to redevelop an existing application
- Incorporated student lab sessions

Client – California Department of Conservation

11/06 – 12/06

- Environment: SharePoint Services 2.0, MS SQL Server 2000
Summary: SharePoint analysis and best practices
Responsibilities:
- Discovery sessions to determine current architecture, immediate business needs, and projected business requirements.
 - Prepared and delivered Microsoft based guidance documents outlining appropriate best practices and recommendations.
 - Consulted on specific SharePoint issues

Client – California Legislative Counsel Bureau

8/06-10/06

- Environment: SharePoint Server 2007 B2TR, SharePoint Designer 2007, SQL Server 2005
Summary: SharePoint Server 2007 Proof of Concept
Responsibilities:
- Developed an LCB public website prototype using MOSS 2007 B2TR
 - Installed and configured a dual server MOSS 2007 B2TR farm
 - Migrated the prototype from the Consulting Firm’s development farm to the LCB test farm
 - Successfully demonstrated all 12 Business Requirements as defined by the client

Wirestone – IT design and consulting firm

Senior SharePoint Solutions Architect and Application Developer

4/08 – 7/08

- Environment: SharePoint Services 3.0, SharePoint Designer 2007, Team Foundation Server
Visual Studio 2008, MS SQL Server 2005, C#, ASP.Net
Summary: Developed Security Architecture and Web Parts for MS’s Intl. Innovative Teachers Network
SharePoint site deployment and Technical Lead for the Partners in Learning team site migration
Responsibilities:
- Senior SharePoint Solutions Architect and Application Developer
 - Architected the security plan for the 2.0 deployment of Microsoft’s International *Innovative Teacher Network* product offering
 - Modified existing custom SharePoint Web Parts to security trim content based on the new security groups
 - Engineered and developed Microsoft’s internal *Partners in Learning* team site
 - Technical lead for migrating data from the existing *Partners in Learning* team site to the new site without direct access to the server while retaining modified/created by user info and metadata

JTS Communities – Home Builder

Senior Enterprise Application Engineer and Project Lead

5/04 – 6/06

- Environment: Visual Studio 2005, MS SQL Server 2000/2005, SourceSafe, ASP.Net, VB.Net,
C#, ADO.Net, ClickOnce, T-SQL
Summary: Engineered and Managed Asp.Net 1.1 and 2.0 Web Applications
Responsibilities:
- Managed an Asp to Aspx (.Net) Enterprise Web Application Suite conversion and the subsequent conversion from Asp.Net 1.1 to 2.0
 - Successfully architected and developed a multi-tiered, object oriented, ASP.Net and SQL Server based Plot Plan management system including multiple role based views, email notifications, workflow management, plot plan uploads, user management, and a discussion thread allowing collaboration between local drafters and satellite sales offices
 - Successfully architected and developed a Loan Approval system with the same features as the Plot Plan system for use by satellite sales offices, the local finance department, and the Wells Fargo loan representatives
 - Developed custom Web and User Controls

- Designed and developed database schemas, stored procedures, views, triggers, and functions
- Developed a common component library and reusable database objects

Client – Blue Lake Construction - Home Construction

1/05 – 6/06

Environment: Visual Studio 2005, Infragistics NetAdvantage 2006, MS SQL Server 2000/2005, SourceSafe, ASP.Net, VB.Net, C#, ADO.Net, ClickOnce, T-SQL

Summary: Application Engineer and Project Lead for a construction management system

Responsibilities:

- Engineered and lead the development of an enterprise purchasing and estimating construction management application
- Implemented a 3-tiered, SQL server based ClickOnce Windows client architecture utilizing the Infragistics NetAdvantage UI suite
- Implemented highly complex business requirements and highly efficient user interfaces
- Included many hierarchical (drill-down, expandable) UltraGrid and UltraTree controls with user customizable views
- Developed custom base classes, extender providers, components, and user controls

Intercare Insurance Services – Workers Compensation Third Party Administrator

Software and Data Systems Engineer

1/03 – 5/04

Environment: Visual Studio 6.0/2003, MS SQL Server 2000, SourceSafe, ASP.Net, VB.Net, C#, ADO.Net, ActiveReports .Net, T-SQL, MS Access, Valley Oaks Portal

Summary: Systems Analysis, Data Imports/Exports, and Application Development

Responsibilities:

- Developed an object oriented, database driven .Net command line application to automatically extract, convert, encrypt, and send any local data source via multiple transportation methods (email, FTP), using appropriate encryption algorithms (PGP, WinZip)
- Developed a .Net reporting engine and other object-oriented components for an n-tiered .Net Windows Application utilizing .Net Remoting with Visual Studio .Net 2003, VSS, SQL 2000, and ActiveReports .Net
- Importing, exporting, and reporting of confidential (HIPAA) data
- Database design, including tables, relationships, constraints, stored procedures, triggers, views, and functions
- Developed SQL Server 2000 queries and views for use in SQL Reporting Services and Crystal Reports
- Developed electronic data interfaces with third party administrators, insurance companies, government agencies, bill review companies, and an equipment sales company
- Process analysis for the claims management department
- Provided process flows and recommendations

Adecco – Consulting/Temp agency

Network Engineer

10/98 – 8/02

Summary: Network Engineering Contractor

Client – Peoplesoft

12/99 – 8/02

Environment: MS SQL Server 2000, Windows NT4.0/2000/XP/98, MS Office

Summary: Network Engineer for the Davis and Gold River offices

Responsibilities:

- Workstation rebuilds, media station build, problem solving, cabling, and upgrades
- Responsible for the Davis office mail, facility requests, and supplies

Client – Vantive Inc.

12/99 – 8/02

Environment: MS SQL Server 7.0/2000, Windows NT4.0/2000/XP/98, MS Office
Summary: Network Engineer for the Davis and Gold River offices
Responsibilities:

- Workstation rebuilds, problem solving, cabling, and upgrades
- Installed Compaq server rack/cabinet and rack mounted Enterprise Server

Davis Christian Fellowship – Campus Religious Organization

Networking Team Leader

10/00 – 8/02

Environment: Windows 98/XP, MS Office
Summary: Volunteer work for a nonprofit campus organization
Responsibilities:

- Workstation rebuilds, media station build, problem solving, cabling, and upgrades
- Modified and updated website (HTML)
- Started and maintained email lists
- Recruited, trained, and coordinated members for the team
- Prepared PowerPoint presentations for weekly meetings
- Built and networked three computers and a DSL line

Mengali's Florist

Website Consultant

10/01

Environment: Macromedia DreamWeaver MX, Jasc PaintShop Pro
Summary: Consulted on and developed www.mengalis.com
Responsibilities:

- Built www.mengalis.com v1 using Macromedia DreamWeaver (HTML) and Jasc PaintShop Pro
- Digitally transferred a video commercial to stream from website
- Consulted on domain name registration and web hosting provider
- Provided an easily modifiable specials page with a one step upload script

Hotel Woodland – Venue

IT Consultant

10/01

Environment: MS Word
Summary: Developed an MS Word template to automate facilities reservation form entry

The End Zone – Gaming Store

IT Consultant

6/98 – 6/01

Environment: Macromedia DreamWeaver, Jasc PaintShop Pro
Summary: IT consultant for a gaming store
Responsibilities:

- Built and maintained www.davisendzone.com
- Installed and ran DCI tournament management software

Scotch Bonnet Integration Inc. – Consulting Firm

Systems Engineer and Access Developer

6/97 – 10/98

Environment: SQL Server 6.0/7.0, Windows
NT4.0/NT/2000/XP/98/95/3.11
Summary: Systems Engineer and Access Developer
Responsibilities:

- *CA Department of Corrections* – Developed a MS Access facilities maintenance review application using a SQL database back-end
- Built computers and servers from components, installed server and workstation operating systems
- Purchased, installed, and maintained an smtp/pop mail server
- Converted network to 10baseT from coaxial

EDUCATION / SPEAKING ENGAGEMENTS

Presenter – SPBreakfast Sacramento – link – “Governance and Architecture”	4/17
Presenter - Sacramento Codeslingers – link – “Microsoft SaaS Platform Integration”	4/17
Presenter - SharePoint Saturday Sacramento 2015 – link – notes on blog	11/15
Presenter - SharePoint Saturday Silicon Valley 2015 – link – notes on blog	5/15
Microsoft Ignite Conference 2015 – link – notes on blog	5/15
Microsoft SharePoint Conference 2014 – link – notes on blog	2/14
Presenter - SharePoint Saturday Sacramento 2014 – link – notes on blog	6/14
Microsoft SharePoint Conference 2012 – link – notes on blog	11/12
Microsoft SharePoint Conference 2011 – link – notes on blog	9/11
Presenter - SharePoint Saturday Sacramento 2011 – link – notes on blog	6/11
Microsoft Cloud Intelligence Conference 2011 – link – notes on blog	6/11
SPTechCon Burlingame 2011 – link – notes on blog	2/11
SharePoint Exchange 2010	6/10
Microsoft SharePoint Conference 2009	1/09
<ul style="list-style-type: none"> • Scaling With SharePoint – Jie Li • SharePoint Administrators: The Reluctant SQL Server DBAs – Todd Klindt • Fast Track to SharePoint Feature Generation – Bjorn Furuknap • SharePoint Designer 2007 – Tom Rizzo 	
SPTechCon Burlingame 2009	1/09
Microsoft Office SharePoint Conference 2008	3/08
<ul style="list-style-type: none"> • Build Interactive User Experiences with the Silverlight Blueprint for SharePoint • InfoPath Crash Course for SharePoint IT Professionals • SharePoint as a BI Platform • Build an Automated Expense Reimbursement Process Using InfoPath and SharePoint • Leveraging the Power of Excel Services to Build Rich SharePoint Applications • Creating Solutions with the Business Data Catalog • Deploying EPM 2007 Solution into an Existing MOSS Environment 	<ul style="list-style-type: none"> • SharePoint Tools for Style: How to Start Branding SharePoint • SharePoint Tools for Style: Advanced Techniques for Branding SharePoint • Rendering Data in SharePoint using AJAX and LINQ • Creating Solutions with the MOSS Single Sign On Service • SharePoint Designer: I Didn't Know You Could Do That! • Migrating a SharePoint Designer Workflow to Visual Studio .NET
CorasWorks Workplace Builder and Architect Training Course	2/08
SharePoint and DotNet User Group Sessions	
<ul style="list-style-type: none"> • Windows Workflow Foundation Essentials – Stuart Celarier • SharePoint Governance and Taxonomy – Mark Schneider 	
Bachelor of Science in Mathematics, Minor in Education <i>University of California: Davis</i>	2002



CERTIFICATIONS

- **Microsoft Certified Professional Developer (MCPD)**
 - SharePoint Developer 2010



SharePoint Developer 2010

- **Microsoft Certified IT Professional (MCITP)**
 - SharePoint Administrator 2010



SharePoint Administrator 2010

- **Code Project – Gold Member**



- **Experts-Exchange .Net Wizard**



- **Microsoft Certified Technology Specialist (MCTS)**
 - SharePoint 2010, Configuration
 - SharePoint 2010, Application Development
 - MOSS 2007 Application Development
 - MOSS 2007 Configuration



SharePoint 2010, Configuration
SharePoint 2010, Application Development
Microsoft Office SharePoint Server 2007, Configuration
Microsoft Office SharePoint Server 2007, Application Development

- **MCS D, MCAD, MCP**



RECOMMENDATIONS

“We are lucky to have found Robert. He has brought the expertise we needed to help us build our enterprise SharePoint infrastructure. He has also demonstrated to have a highly in-depth knowledge of how SharePoint should be configured for use, so that our sites are properly designed to be scalable, reliable, and manageable. Roberts knowledge expands far beyond SharePoint making him an all around technical expert. I have worked with technical consultants for over 25 years and would highly recommend Robert. He offers the highest level of expertise that I always hope to find when hiring a contractor.”

-Michelle Leach, Senior IT Analyst - California Department of Insurance

“Robert is a superb solutions architect in SharePoint development and deployment. ... We had unique and sometimes challenge requirements and he consistent brought us basic solutions to complex issues. He knows his products and industry extremely well and is instrumental in continuing to develop and expand our system. I felt I could truly trust him and his entire team.”

-Travis Hamera, Project Controls, BIM & Technology Manager - Vanir Construction Management

“Robert was creative in suggesting solutions that went beyond our requirements.”

-Kevin Dwan, Sr. Systems Analyst - Medtronic

“The work was exceptional, customer service was spot on and the turnaround was just what the client needed!”

- E.J. Brewer, President - Golamac, Inc.

“Robert is a gifted developer. He lives and breathes what he does and as a result has qualified himself to be taken seriously - regionally, and even nationally.”

-Woody Splawn, Owner - Information Solutions (from JTS)

“Robert is well spoken and well organized. His knowledge of SharePoint and Microsoft technologies is significant. He can successfully provide technical roles as well as coordinator roles to a project simultaneously. In addition to being a great advocate for many roles on a project, Robert is easy going and personable.”

-Chris Thomas, Application Engineer - California ISO

“I enjoyed working with Robert. He has a unique skill for solving difficult technical problems and vetting out his ideas with staff. I would recommend Robert for your project, especially if you are challenged with difficult SharePoint solutions.”

-Greg Kiefer, CEO - Kiefer Consulting

“We worked with Robert to design a SharePoint Collaboration portal for a project we were working on for the Department of Energy. The skills and experience Robert brought to the table helped us get our implementation in on time and in the first try. Our Project Managers and the Department of Energy consider this project a success.”

-Chris Whitaker, System Admin III - Ahtna Technologies

TECHNOLOGY

- SharePoint Server 2016-2007 (MOSS)
- SharePoint Foundation 2010-2013
- MS Office 365, PowerApps, SP Online
- ECMS Governance (Plan and Implement)
- MS Search Server 2010-2008
- Visual Studio .Net 2015-2002
- SharePoint Designer 2013-2007
- SQL Server Reporting Services (SSRS)
- .NET Framework 4.5 - 1.0
- VB.Net, C#.Net, ADO.Net
- LINQ to SQL, LINQ to XML
- PowerShell scripting with PowerGUI
- Custom Web Parts and User Controls
- Asp.Net, AJAX, XSLT, XHTML, WPF, WCF
- Security, Cryptography, and Authentication
- IIS Configuration and Maintenance
- MS SQL Server 2016-2000, SSIS, SSRS
- KwizCom, Bamboo, SharePointBoost
- VirtualBox, VMWare, Hyper-V, VirtualPC
- Simego (sync tool), Nintex, Metalogix
- AvePoint, HarePoint, Share-gate
- MS Dynamics CRM, MS CRM Online
- MS CRM and GP integration with SharePoint
- MS Office: OneNote; Skype for Business (Lync); Word; Excel; Access; PowerPoint; InfoPath; SP Designer; Outlook; Publisher; Visio; Sway; and Project
- Object Oriented Application Development
- Hiring, Coordination, and Training
- Technical Presentations and Demonstrations
- Visual Source Safe, Team Foundation Server (TFS), GitHub (GIT), and Subversion (SVN)
- MindManager (Mind Mapping)
- SysInternals Suite and Process Monitor
- Fiddler, IE Developer Tools, FireBug
- DevExpress (Refactoring and Productivity)
- Dynamic Data Framework (Scaffolding)
- RegEx (Regular Expressions)
- Infragistics NetAdvantage UI Suite
- JavaScript with JQuery, Backbone, Knockout
- SharePoint Client Object Model (SP.js JSOM CSOM)
- Paint .Net, PhotoShop, Paint Shop Pro, etc.
- BCS (formerly BDC), Chart Web Part, Nevron, PowerPivot, and PerformancePoint (Charts/BI)

REFERENCES

Available Upon Request