

RESOURCE	Stephen Overton <i>Director of Financial Solutions</i>
OVERVIEW	<p>With 8 years of experience working with SAS Institute as a premiere technology platform and quality implementation partner, Stephen leads a consulting practice at Zencos Consulting focused specifically on providing effective solutions to combat financial crime and maintain regulatory compliance within the banking and financial services sector. Stephen also develops solutions to improve business processes using business intelligence reporting and analytics as well as sound data management techniques. Stephen has a comprehensive background surrounding data management including data architecture design, data integration, ETL processing, OLAP technology, and system architecture. Stephen is based out of Cary, North Carolina and services customers across the United States.</p> <p>Career Highlights:</p> <ul style="list-style-type: none"> ▪ Solution leadership and development of the SAS Financial Crime Suite including Anti-Money Laundering, Financial Crimes Monitor, Social Network Analysis, and Enterprise Case Management solutions ▪ End-to-end expertise installing, configuring, implementing, and maintaining SAS Enterprise Business Intelligence, Data Integration, and Visual Analytics reporting solutions ▪ Expertise in the development of effective data infrastructure, ETL processing, data warehouse, data modeling, and business intelligence reporting and dashboards ▪ Combined experience from technical development to business management consulting and advisory support ▪ Received Best Contributed Paper Award in the Applied Business Intelligence section three consecutive years at SAS Global Forum 2011, 2012, and 2013 ▪ Developed information systems and software solutions with multiple banks ranked in the top 50 in terms of assets greater than \$10 billion ▪ Developed a robust financial crime reporting solution in both SAS Enterprise Business Intelligence and SAS Visual Analytics centered around the SAS Financial Crime Suite <p>Industries Served: Banking, Gaming, Telecommunications, Utilities, Financial Services</p>
EDUCATION	North Carolina State University <i>Bachelor of Science, Industrial & Systems Engineering, December 2006</i>
PROFESSIONAL SKILLS & ABILITIES	Fraud & Financial Crime <ul style="list-style-type: none"> ▪ Developed reporting and analytical solutions built on the SAS Anti-Money Laundering and Enterprise Case Management solutions ▪ Developed ETL processes to automatically create, assign, and route investigations to the proper business workflow ▪ Developed process to strategically assign AML alert investigations based on multiple business rules and priorities ▪ Developed historical conversion processes to migrate existing operational data into SAS Anti-Money Laundering and Enterprise Case Management solutions ▪ Develop enrichment processes to enhance AML alert scenarios ▪ Provided knowledge transfer training sessions on platform administration tasks centered around the SAS Financial Crime Suite

- Provided knowledge transfer training sessions around case creation, IEM, and alert assignment ETL processes behind SAS Enterprise Case Management

SAS Business Intelligence

- Developed web-based reports, scorecards, and dashboards using SAS Information Delivery Portal, Web Report Studio, BI Dashboard, Stored Processes, and SAS Server pages
- Developed reports and explorations in SAS Visual Analytics
- Developed methods to streamline analysis and present business critical information through a combination of SAS BI dashboards and web-based reporting
- Developed a stored process to selectively import users from MS Active Directory to SAS Metadata (published at SAS Global Forum 2012)
- Developed custom themes for the SAS Information Delivery portal for corporate branding
- Developed ad-hoc reports using Base SAS and Enterprise Guide

Data Architecture/ETL Processing

- Designed data warehouses, detailed data stores (DDS), and reporting data marts using relational and dimensional modeling techniques for utility, healthcare, telecommunication, and financial service companies
- Utilized slowly changing dimensions to track changes over time
- Developed star schemas for effective reporting on high volumes of data
- Developed a method to centrally manage Change, Data, Capture (CDC) processing (published at SAS Global Forum 2012)
- Designed and developed Extract, Transform, Load (ETL) processes using Base SAS, Data Integration Studio, and DataFlux Data Management Studio to populate Data Warehouses and Reporting Data Marts

Platform Administration

- Assess, plan, install and configure SAS solutions including the SAS Financial Crime Suite, SAS Strategy Management, SAS Visual Analytics, SAS Enterprise BI Server, SAS Enterprise Data Integration Server
- Design and implement robust security framework to support a large and complex user base

OLAP Technology

- Utilized OLAP cubes to report large volumes of data, provide hierarchical drill downs, and slice and dice capabilities
- Developed custom MDX measures, members, and sets to provide dynamic result sets which enables flexible reporting
- Co-authored a paper at SAS Global Forum 2011 on useful MDX techniques to build robust OLAP cubes
- Pioneered a "divide and conquer" method to build OLAP cubes from high volumes of complex data (published at SAS Global Forum 2012)
- Tuned OLAP cubes using aggregation tables

Communications

- Strong communication skills with ability to present technical concepts to non-technical team members
- Provided knowledge transfer training sessions on reporting solutions developed using SAS EBI
- Worked with organizations to develop proposals, gather requirements, establish needs,

	<p>and produce design documentation</p> <ul style="list-style-type: none"> Conducted demonstrations and presented group recommendations to business and information systems management <p>Management</p> <ul style="list-style-type: none"> Provided technical leadership related to EBI project discovery, definition, design, development, implementation and general maintenance of the SAS EBI/EDI environment <p>Business Development</p> <ul style="list-style-type: none"> Partnered with SAS Institute to successfully sell SAS Visual Analytics, SAS Financial Crime Suite, and SAS Office Analytics solutions Designed, developed, and maintained website and blog to increase online presence and drive organic growth
<p>EMPLOYMENT HISTORY</p>	<ul style="list-style-type: none"> Director of Financial Solutions, Zencos Consulting, Raleigh, NC, July 2014 – Present Owner & Consultant, Overton Technologies, Raleigh, NC, May 2012 – July 2014 SAS Consultant, Zencos Consulting, Cary, NC, May 2011 – May 2012 SAS BI Developer, Genworth Financial, Raleigh, NC, Mar 2010 – May 2011 Business Intelligence Analyst, Connexion Technologies, Cary, NC, May 2008 – Mar 2010 Process Engineering Manager, Connexion Technologies, Cary, NC, Dec 2006 – May 2008
<p>PUBLICATIONS</p>	<ul style="list-style-type: none"> Paper 6643-2016: Making Better Decisions About Risk Classification Using Decision Trees in SAS Visual Analytics Paper 2960-2015: Lasso Your Business Users by Designing Information Pathways to Optimize Standardized Reporting in SAS Visual Analytics Paper 3323-2015: Visualizing Relationships and Connections in Complex Data Using Network Diagrams in SAS Visual Analytics Paper 1318-2014: Secure SAS OLAP Cubes with Top Secret Permissions, SAS Global Forum 2014 Solve Complex Business Challenges by Leveraging Advanced OLAP Cube Techniques and MDX Programming, Western Users of SAS Software 2013 Paper 047-2013: Escape from Big Data Restrictions by Leveraging Advanced OLAP Cube Techniques (Best Contributed Paper Award), SAS Global Forum 2013 Lost in Space? Methodology for a Guided Drill-Through Analysis Out of the Wormhole, Southeast SAS Users Group 2012 Guide Users along Information Pathways and Surf through the Data, Western Users of SAS Software 2012 Paper 020-2012: Lost in Wonderland? Methodology for a Guided Drill-Through Analysis Out of the Rabbit Hole (Best Contributed Paper Award), SAS Global Forum 2012 Paper 112-2012: Developing a Flexible ETL Process to Let SAS® Capture Data Changes Efficiently in a Data Warehouse and Clean Up the Mess, SAS Global Forum 2012 Paper 377-2012: Automagically Herding 101 SAS® Users from Microsoft Active Directory to SAS Metadata, SAS Global Forum 2012 Paper 431-2012: 10,000 Leagues of Data... Divide and Conquer OLAP Cubes: Best Practices for High Volumes of Data, SAS Global Forum 2012 Paper 433-2011: Measures, Members, and Sets, Oh My! Advanced OLAP Techniques (Best Contributed Paper Award), SAS Global Forum 2011

<p>CERTIFICATIONS</p>	<ul style="list-style-type: none"> ▪ Certified Anti-Money Laundering Specialist (CAMS), October 2015 ▪ SAS Certified Visual Business Analyst: Exploration and Design Using SAS Visual Analytics, March 2015 ▪ SAS Certified BI Content Developer, May 2010 ▪ SAS Certified Platform Administrator, Dec 2012 ▪ Six Sigma Black Belt, Oct 2007 ▪ NC Engineer in Training (EIT) licensure, Dec 2006
<p>TRAINING</p>	<ul style="list-style-type: none"> ▪ SAS Visual Scenario Designer Boot Camp Training, August 2014 ▪ SAS Platform Administrator Certification, December 2012 ▪ DataFlux Data Management Studio Basic & Advanced Training, May 26, 2011 ▪ SAS Macro Language 2: Developing Macro Applications, Mar 4, 2011 ▪ SAS BI Content Developer Certification, May 2010 ▪ Informatica PowerCenter 8.x/9.0 Level I Developer, May 2010 ▪ Data Warehouse and Business Intelligence Modeling, Nov 20, 2009 ▪ Working with Slowly Changing Dimensions, Sep 16, 2009 ▪ Using SAS Web Report Studio for Thin-Client Reporting, Aug 27, 2009 ▪ SAS BI Dashboard: Developing and Using Dashboards, Jun 12, 2009 ▪ SAS Programming 1: Essentials, Mar 13, 2009 ▪ Querying and Reporting with Enterprise Guide, Feb 19, 2009 ▪ SAS 9 Data Integration Fast Track, Feb 6, 2009 ▪ Overview of Business Intelligence and Data Integration, Nov 18, 2008
<p>ADDITIONAL</p>	<p>Software Expertise</p> <ul style="list-style-type: none"> ▪ SAS 9 Solutions: SAS Management Console, SAS Data Integration Studio, SAS Information Map Studio, SAS Web Report Studio, SAS OLAP Cube Studio, SAS Server Pages, Information Delivery Portal, Web OLAP Viewer, Enterprise Guide, MS Office Addin, Foundation SAS, DataFlux Data Management Studio, SAS Visual Analytics, SAS Workflow Studio, SAS Enterprise Case Management, SAS Anti-Money Laundering ▪ Applications: Microsoft Excel, MS Visio, MS Access, MS Project, ER Studio, ERwin ▪ Databases: Oracle, Postgres, DB2, Microsoft SQL Server <p>Programming Languages</p> <ul style="list-style-type: none"> ▪ Base SAS, HTML, Java, JavaScript, Unix/Linux Shell Scripting, MDX