Tools Track Sessions

Coordinator: Rachael Schmidt

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Mr. Troop is the President and CEO of Encore Analytics, a software company that provides browser-based analytical tools for the proactive management of complex projects. He has over thirty years of program management experience in projects of all sizes. He has extensive knowledge in the application of earned value management systems (EVMS) from a federal government, construction management, software development, and aerospace & defense contractor perspective. Mr. Troop started his professional career with the United States Air Force in the NAVSTAR GPS Program Office where he helped validate supplier management systems and analyze the resultant performance management data. After leaving the Air Force, Mr. Troop managed a number of software projects and eventually co-founded C/S Solutions in 1994. Under Mr. Troop’s direction, C/S Solutions created the wInsight and Risk+ analytical software tools. These tools became the international “Gold Standard” for virtually every organization that uses earned value data to proactively manage complex projects. Deltek acquired C/S Solutions, Inc. in 2006. In 2011, Mr. Troop co-founded Encore Analytics to bring a new generation of software tools to the project management market space.

Steelray Javelin focuses on management by exception, presenting to you areas that deviate from normal business practices, while contributing to successful project management.

Jason Kinder is responsible for Business Management and Marketing at Steelray Software. He is known as a thought leader in the EVMS and Program Management marketplace. Jason has over 15 years’ experience in program management specializing in earned value management. He’s spent many of his years at Raytheon working his way up from program controls where he was a billable consultant on various defense projects to leading new program start ups where he was responsible for mentoring program teams to facilitate successful program planning and execution. Jason has briefed executives and customers all around the world about
the status of programs and the value of earned value management and planning and scheduling.

Jason holds a BA from SFA St University in Texas and is a member of NDIA.

**TT-03 AUSTAL USA, A CASE STUDY IN ADVANCED EVMS**

Austal is a global defense prime contractor and a designer and manufacturer of defense and commercial ships. For more than 25 years Austal has been a leader in the design, construction and maintenance of revolutionary ships for Governments, Navies and Ferry operators around the world. More than 250 vessels have been delivered in that time.

Austal’s USA shipyard was established in late 1999, and is now one of the largest employers in the Mobile, Alabama area. Defense vessels designed and built by AustalUSA include multi-mission combatants, such as the Littoral Combat Ship (LCS) for the United States Navy and military high speed vessels for transport and humanitarian relief, such as the Joint High Speed Vessel (JHSV) for the United States Navy.

The creation of the shipyard to build Navy vessels presented a number of challenges that included the design and build of facilities, hiring and training of the work force, and the creation of the management structure, processes and tools. Being able to start from scratch regarding processes and tools, Austal was able to streamline management activities and provide program stakeholders with weekly information at a very detailed level in which to manage the program. Through the use of Austal’s advanced Modular Manufacturing Shipbuilding Process, IMC’s DecisionEdge CloudEVM, and Encore Analytics Empower, Austal was able to significantly reduce implementation risk of a typical Earned Value Management System deployment and reduce the overall EVM life cycle cost.

**DecisionEdge CloudEVM** cloud-based EVMS solution is the first true cloud based Earned Value Engine implementation. **Encore Analytics Empower** cloud based EV Analytics solution is the first cloud based analytics solution. The CloudEVM and Empower solution together with sound EVM Business Process design methodology can take that pain away and provide a successful, lower cost and faster path forward for small and medium sized government contractors wanting to bid in the federal space.

**Mark Tillema, Integrated Management Concepts, Inc.**

Phone: (805) 630-7104  email: mtillema@intgconcepts.com

Mr. Tillema is President and CEO of Integrated Management Concepts, Inc., a Southern California based software and consulting business. He has over thirty years’ experience in earned value management and software development supporting firms who must be ANSI/EIA-748 compliant.

Mr. Tillema was the principal designer of the DecisionEdge CloudEVM product. He has managed both the software development and consulting support around the product. CloudEVM has been used on numerous validated projects and he has led
Mr. Troop is the President and CEO of Encore Analytics, a software company that provides browser-based analytical tools for the proactive management of complex projects. He has over thirty years of program management experience in projects of all sizes. He has extensive knowledge in the application of earned value management systems (EVMS) from a federal government, construction management, software development, and aerospace & defense contractor perspective. Mr. Troop started his professional career with the United States Air Force in the NAVSTAR GPS Program Office where he helped validate supplier management systems and analyze the resultant performance management data. After leaving the Air Force, Mr. Troop managed a number of software projects and eventually co-founded C/S Solutions in 1994. Under Mr. Troop’s direction, C/S Solutions created the wInsight and Risk+ analytical software tools. These tools became the international “Gold Standard” for virtually every organization that uses earned value data to proactively manage complex projects. Deltek acquired C/S Solutions, Inc. in 2006. In 2011, Mr. Troop co-founded Encore Analytics to bring a new generation of software tools to the project management market space.

Mr. Phil Norris is Vice President of Operations Support (Estimating, Planning, Scheduling, and Information Technology) at AustalUSA. He has over thirty years’ experience in shipbuilding having worked in multiple shipyards in both Canada and the United States. He is a Naval Architect/Marine Engineer and has led the creation of Planning/Scheduling and Performance Measurement Systems in several shipyards.

**TT-04 Getting your EVMS Where You Want It**

Could your EVMS become more accurate or efficient? Is your CAM training program effective? Is the EVP certification in your future or your organization's future? Do you need an EVM tool to get started in performing EVM? Would a deeper analysis of your EVM data benefit your project/program management? Do you need to meet the ANSI 748 criteria?

This Tools Track presentation will provide you an overview of the products and services available from Management Technologies to help you or your organization get where you want to go with EVM. A raffle at the end gives you a chance to win your choice of one of two EVM texts.

Do you need tools, training, process engineering, assessments, gap analysis, or educational material? Management Technologies is a full service company that provides support to the EVM community.
During this short presentation you will hear about our:

- **Earned Value Experience™** hands on workshop
- **Earned Value Professional (EVP) exam prep webinar series**
- **EVP Prep Study Guide**
- The **Earned Value Maturity Model®** concept, text, and assessments
- The **EzEVM™** MS Excel EVM template demo, with Earned Schedule analysis and Estimated Completion Date
- **EVM Analytics™**, a demo of the most complete analysis of EVM data possible
- The **CAM^Exam™** 90 minute exam to test CAM training effectiveness and CAM readiness
- **ANSI 748 Process Engineering, Gap Analysis, third party assessments, and EVMS repairs**
- **EVMS proposal support and initial EVMS implementation design**
- The **EVM Newsletter™**

**Ray W. Stratton, PMP, EVP**  
Phone: (714)318-2231  E-mail: raystratton@mgmt-technologies.com

Ray is an author, trainer, consultant, and process engineer specializing in earned value management. He authored the *Earned Value Management Maturity Model®* and *Ray Stratton's Earned Value Professional (EVP) Exam Study Guide*. He obtained his EVP certification eight years ago and is EVP #45.

He is the president of Management Technologies. His firm has helped both large and small organizations implement EVM systems to meet ANSI 748 as well as simplified EVMS for internal project performance measurement requirements. His clients include power generation companies, state energy regulatory agencies, federal agencies, defense and aerospace firms, IT providers, and service companies.

Ray conducts public and on-site workshops in EVM, EVP exam preparation, and project planning. He is a frequent speaker at PMI chapter events and AACE section meetings.

Previously he was a program manager at Raytheon (Hughes Aircraft) where he provided project leadership in the development of military real-time software systems, communication systems, and radar systems.

His military career was with the Naval Air Systems Command as a Naval Aeronautical Engineering Officer. In his last assignment he commanded an engineering unit in support of NAVAIR, and retired at the rank of Captain.

Ray is a member of the Projectsatwork ([www.projectsatwork.com](http://www.projectsatwork.com)) editorial board. He is a volunteer pilot for Angel Flight and provides aircraft and piloting to financially challenged families in transportation from rural locations to metropolitan specialized medical treatment centers.
TT-05 Barbecana’s Full Monte Schedule Risk Analysis

Find out how schedule risk analysis can improve confidence in your ability to deliver projects on time and within budget. Barbecana’s Full Monte for Oracle Primavera P6 and Microsoft Project offers easy, fast and cost effective uncertainty analysis that helps focus management effort to achieve project success.

John Owen, Barbecana

John has over 30 years of experience supporting project management teams around the globe in multiple industries. John was VP Development at Welcom, and became Senior Director for Enterprise Project Management solutions at Deltek in 2006. In 2014, John joined Barbecana Inc. as Chief Operating Officer to concentrate on Schedule Risk Analysis solutions for Oil and Gas, Construction (EPC), and the Aerospace and Defense industries.

TT-06 Automating the EVM Process for CAMs

- Ever wonder how large multi-billion dollar contracts manage their EVM process?
- Are your main EVM tools Cobra, Winsight, Excel, and Word?
- Do you have a large government contract that requires variance explanations?

We will discuss the EVM challenges a multi-billion dollar contractor faces and how they solve their issues thru the use of an automated tool. Some of the issues we will discuss are:

- Large volume of financial data
- Supporting a Multi-level reporting structure (ie Work Package, Control Accounts, OBS, WBS, CAMs)
- Tracking VAR comments, action items, and signoffs/approvals, ETC planning, headcount reporting
- Managing many EVM contracts with limited resources

We will demonstrate an EVM workflow process on multi-billion dollar contract using a streamlined tool called evData Pro. evData Pro is a CAM friendly, easy to use tool that was implemented on multi-billion dollar contracts without any user training.

We will demo the variance analysis reporting (VAR) process and ETC planning process to include; VAR reports, VAR comments, and VAR Analysis, VAR Action Item tracking, Rate and Volume Analysis, schedule reporting, weekly hourly reporting, and headcount tracking. We will show how email can be used to automate the EVM process.

This web-based tool will save you time and money and increase your productivity. We will discuss the studies that highlight the productivity savings.

Patrick A Dill, ProboData
pdill@probodata.com
Patrick Dill has been working alongside financial analyst and CAMs on large
government contracts in the Silicon Valley for nearly 20 years. Patrick knows the
day to day challenges PMs, CAMs, and financial analysts face and how with the right
tools, can save a lot of time and money. Patrick has also been a previous speaker at
EVM World, NDIA, and IPM Conferences.

**TT-07 EVM, Pain-Free**

Creating harmony between your schedule and cost data is key to simplifying your
earned value management (EVM). When cost and schedule remain in separate
silos, performance measurement and EVM can quickly become a time-consuming
process. However, by taking time up front to ensure the accuracy of your schedule
and cost data and the seamless integration of the two, EVM can be a straightforward
solution.

In this presentation we’ll walk through how to bring your cost and schedule
information together under one roof as part of an integrated program management
practice, and, ultimately, an earned value management process that is *painless.*

*Tom Polen, Deltek*

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**TT-08 EVMS Simplified**

Come to this tool track session to see the latest version of EVMS forProject, the
simple to use, powerful and flexible EVM system from forProject Technology, Inc.

EVMS forProject is the latest generation of EVM tools from forProject, providing a
unique combination of flexibility, ease-of-use and powerful analysis and reporting
capabilities. EVMS forProject is compatible with Microsoft Project and Project
Server and uses the latest Microsoft technology and a modern user interface design
to set a new standard for ease of use in EVM tools.

In this session we will showcase the latest version of EVMS forProject, highlighting
the latest enhancements including baseline change tracking, single point
adjustments (SPA) and more. We will also be previewing the ability to import
schedule data from Microsoft Project standalone and from Primavera P6 enterprise.

*Glenn D. Gallop, forProject Technology, Inc.*

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Mr. Gallop is President of forProject Technology, Inc., a Microsoft Partner
specializing in EVMS solutions for Microsoft Project, Project Server and SharePoint
(www.forproject.com). forProject provides EVMS software as well as consulting,
technical, training and support services to ensure effective EVM implementation and
user adoption. Mr. Gallop has over 25 years of experience in the design,
development and implementation of EVM software and has worked with over 100
commercial and Government clients in the aerospace, defense, energy, high technology, engineering & construction and utilities sectors. At forProject Technology, Glenn helps clients to plan, prepare and conduct successful EVMS implementations, including EVM maturity assessments, road map planning, EVM system design and implementation, IBR preparation and EVM methodology and software training.

TT-09 Paperless EVM with Deltek

Stop manually pushing data through your EVM processes and learn how implementing a paperless EVMS can actually pull you through the process. This demonstration will show how one government contractor was able to ditch carting reams of paper from approval to approval using what they dubbed ‘The Sneakernet’. By utilizing Deltek's PM Compass, wInsight Analytics and Cobra, this contractor was able to employ an integrated program management platform impressing their customer and the DCMA at the same time. Hear how this contractor:

1. Ensures process adherence and eliminate inconsistencies
2. Enjoys reduced business rhythm and process cycle time
3. Improves the quality of their data, plans and forecasts
4. Provides cleaner data and perform analytics faster (and with more ease!)
5. Maintains consistent data integrity

Dan Demangos, Deltek
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TT-10 EVM Lite with EcoSys EPC

While often used as part of an ANSI/EIA-748 compliant earned value management system, EcoSys EPC is also ideal software for a “lite” EVM approach. In this presentation, we’ll discuss applying the right amount EVM and eliminating complexity and overhead when it’s not contractually required.

We’ll demonstrate EcoSys EPC and show how the robust platform makes it easy to adopt and leverage earned value management principles in a manner that best fits your internal objectives. Topics include:

- What are the necessary building blocks for EVM Lite?
- How can you get from raw program data to maximum visibility and actionable information?
- What benefits are realized from integration of project data and automation of reporting?
- How can EVM help drive margins and profitability?

About EcoSys EPC
EcoSys EPC is the global standard for project controls software. While easy-to-use, it is also a powerful solution to drive your earned value management. It provides the flexibility to adopt the right functionality for your EVM requirements, even when they
differ by project type – anything from simple KPI tracking to full ANSI/EIA-748 compliance.

Erik Preus, EcoSys
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Erik Preus is an EVP and PMP certified Solutions Architect at EcoSys, the global standard for enterprise project controls software. Erik has over 13 years of project controls experience and has led multiple projects with focus on WBS development, Project Funding, Control Account Planning, Change Control, Performance and Earned Value Management, Variance Analysis, and project mitigation strategies. At EcoSys, Erik consults with leading project-driven organizations within Oil & Gas, Engineering & Construction, Utilities, Government, Aerospace & Defense, and Transportation to provide direction for implementing best practices to plan and manage project portfolios, control project costs, and improve project performance. Prior to working at EcoSys, Erik developed his expertise at companies including Babcock & Wilcox, KBR, DynCorp, and Accenture.

TT-11 AzTech Compliance Expert (ACE) – Leaner & Meaner Performance Analysis

Struggling to develop or maintain a compliant Earned Value Management System (EVMS)? With competing demands, limited budgets, invoice withholds for deficient business systems, and the new Integrated Program Management Report (IPMR), the Government is raising the bar on EVMS expectations. To meet or exceed these expectations, government and industry must develop more automated, streamlined, and repeatable methods to sift through EVM data, identify and categorize data risks, and focus on prioritized corrective actions. Teams that find themselves in audit-panic mode, generally throw resources at the wrong issues. Becoming audit-ready means quickly identifying the right issues, prioritizing, and then methodically working to mitigate risk.

AzTech Compliance Expert (ACE) identifies, categorizes, and ranks data issues. Users investigate and fix anomalies as routine EVMS maintenance and prior to a major review, minimizing the risk of non-compliance. ACE analytics encapsulate over 20 years of AzTech knowledge supporting government agencies, including the DCMA Earned Value Center, the Navy, the Air Force, and government contractors.

ACE incorporates cost, schedule, and integrated data assessments, easily integrating into IPMR (CPR + IMP/IMS) cycles, and works with most cost and schedule software. Also, with the ACE portfolio module, assess risk for an enterprise of programs down to the Control Account level. Identify areas of non-compliance by guideline and drill down to the root cause.

Finally, share data flexibly through ACE-specific AZT files. Then, simply e-mail data between sites, sub-contractors, to management, or between analysts.

With ACE, stakeholders will proactively improve program performance, rather than reactively chase data.
Mr. Contreras is President of AzTech International LLC and has over 20 years of experience implementing Earned Value Management Systems throughout the US, Canada, and Europe. He has worked with both government and industry on both sides of DCMA Compliance Reviews, and with contractors on numerous Integrated Baseline Reviews (IBRs). He helps organizations optimize all facets of EVMS—from the proposal stage to baseline development and execution. His breadth of expertise includes EVM, scheduling, ERP/MRP, and earned value in a manufacturing or production environment. Mr. Contreras has led AzTech’s design team in developing custom applications as well as commercial tools such as Run!23 and Run!AzTech for MS Project scheduling professionals, AutoVAR for advanced variance analysis, and AzTech Compliance Expert (ACE) for assessing EVMS compliance prior to Integrated Baseline Reviews (IBRs), Compliance Reviews, Reviews for Cause, and for independent assessments and self-assessments.

As a Consultant and Software Designer with AzTech International, Mr. Lindemann is skilled schedule analyst with a background in human-centered design methodology. He has performed IMS assessments for several large programs and evaluated variance analyses, creating and presenting detailed reports of his findings. Using this experience, along with his design background, he has helped develop and implement new comprehensive tools and guides for schedule and EVM analyses including ACE (AzTech Compliance Engine). He is adept at using AzTech’s suite of schedule and EVM analysis tools, and serves as a programmer in the design and development of these tools. Through AzTech training, he has acquired PM/EVM Certification, building upon project management knowledge gained from experience in the product development world.

As an Earned Value Management Consultant with AzTech International LLC, Mr. Fritz has been involved in planning, execution, and baseline analysis for multiple contractors. Fully conversant in Earned Value Management (EVM) and scheduling concepts, he is an accomplished user of MS Project and is experienced in EVM analysis and schedule development. He has conducted analysis that included assessment of contractor compliance with the ANSI EVM guidelines. A capable cost and schedule integration analyst, Mr. Fritz is adept at evaluating discrepancies for Integrated Master Schedule (IMS) 14-Point Schedule Assessments. He has helped organizations prepare for Progress Assessment Visits (PAVs), Schedule Risk Assessments (SRAs), and Integrated Baseline Reviews (IBRs).
TT-12 ProjStream

Does your integrated program management system lack the ability plan and document the work? Traditional EVM cost engines lack the ability to build a portion of a plan in a rolling wave type of scenario prior to merging the finalized plan into the contract. This can lead to headaches and make the BCR process more complex than it has to be. Additionally, traditional EVM cost engines are not designed to be comprehensive documentation systems making it necessary to leverage third party software like SharePoint or homegrown systems to build WBS dictionary and Basis of Estimate reports. Traditional EVM cost engines are not designed to set up workflow processes tied to the user base to route BCR or WAD forms.

EVMax is not a traditional EVM cost engine. It is built with the next generation in mind from a usability and technology standpoint. Why does all the functionality of documentation, versioning, planning and workflow have to be in four or five different applications that make it impossible to keep this data in synch? The answer is it doesn’t, this technology exists today in ProjStream’s EVMax. EVMax is designed so that your company’s process framework can become a part of the system.

Tom Shanahan – President and CEO, ProjStream
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Mr. Shanahan is the founder of ProjStream and is a recognized thought leader and visionary within the project management software industry. Mr. Shanahan has over 20 years of experience in project management, earned value management, bid and proposal development and strategy, cost engineering and software application development. Tom has a proven track record across multiple industries including Aerospace and Defense, Government, Energy and EPC. Tom has led many successful EVMS implementations as well as many successful bid and proposal winning strategies.