

## Earned Value Management Training: A Case Study

*TriVariant helped a government contractor implement and learn how to run its Earned Value Management System (EVMS)*

### The Customer

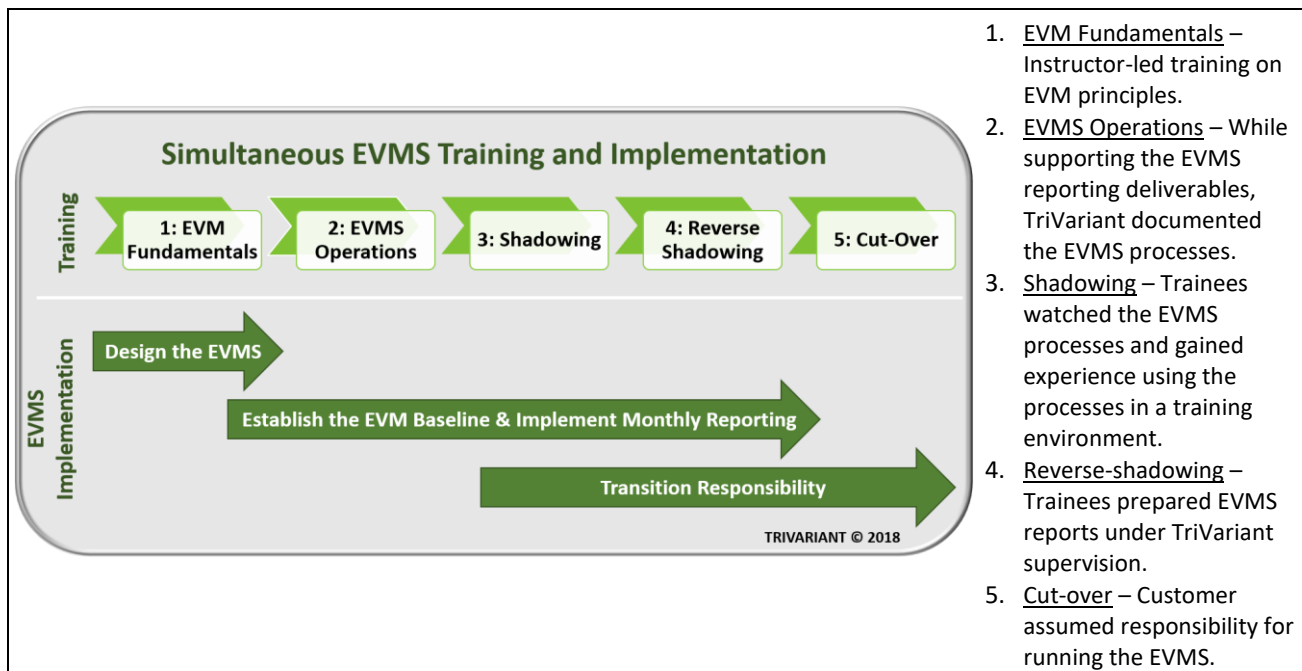
Our Customer, an international medical device company, needed to establish and run their EVMS. The Company had recently signed a contract with the [Biomedical Advanced Research and Development Authority \(BARDA\)](#), within the Office of the Assistant Secretary for Preparedness and Response (ASPR) in the U.S. Department of Health and Human Services.

### The Challenge

**The Customer was under a fixed deadline to begin formal EVMS reporting and needed help implementing its EVMS.** Its contract required implementation of the 7 Principles of Earned Value Management (EVM). Since the Customer was unsure how to implement its EVMS, they sought an EVMS consultant with previous experience and a cost-effective solution.

### The Solution

TriVariant created a training plan that allowed the Customer to take over responsibility for running the EVMS in a reasonable timeframe while still meeting its contractual reporting requirements. While the EVMS was in the design stages and the program management reports were created, a five-phased training approach was used:





## The Outcome

With TriVariant's expert guidance and support, the Customer implemented its EVMS and assumed responsibility for all elements of EVM reporting within the planned timeline.

- TriVariant's customized training gave the Customer the confidence to assume EVM operations within the planned transition timeframe
- The combination of in-person training sessions supplemented by video conferencing provided the appropriate level of training
- Our experienced consulting team was able to shorten timelines by implementing lessons learned from supporting other government programs

## About TriVariant

TriVariant is a competitively priced, high-value, hands-on implementer of program management and Earned Value Management solutions. We work side-by-side with our customers to ensure their success and are experts in state-of-the art project management and cost-engine software; have experience integrating tools, documenting processes, and training staff; and successfully guide our customers through Earned Value Management System (EVMS) implementations and reviews.

For assistance interpreting the EVMS requirements, conducting an EVMS Self-Validation, or implementing your Company's EVMS, please email us at [info@trivariant.com](mailto:info@trivariant.com) or complete our short online [Request for Information form](#).

## Useful Terms

An **Earned Value Management System (EVMS)** is a project management tool for objectively measuring project progress in terms of schedule and budget performance. Its value is in periodic monitoring project performance and using the data to optimize project results.

The **7 Principles of Earned Value Management** is a tailored approach to EVM based on SAE EIA-748 Standards for EVMS implementation. Use of the 7 Principles approach to EVM is to allow flexibility, while meeting the intention of EVM guidance.

A **Performance Measurement Baseline (PMB)** is the time-phased plan for completion of all program work with resources assigned and costs estimated. The PMB is approved by the US Government and is used to compare against actual work accomplished and costs incurred to perform the work. It is the basis for EVM reporting.