

# Earned Value Techniques

## How does the CAM update his earned value and schedule milestones?

- n Understand the 3 basic types
- n discrete (milestone, 0/100, 50/50, units, technical measure, etc.)
- n apportioned (% of another control account)
- n level of effort (only measure is time)
- n Should clearly understand basis for selected EV technique
- n How EV taken: EV basis should be objective technical accomplishment
- n When EV taken: should reflect actual progress as accurately as possible
- n Is Discrete effort planned naturally?
- n Does basis for Percent Complete measure technical progress?
- n Are LOE tasks really LOE?
- n Important!!

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## How does the CAM update his earned value and schedule milestones?

- n EV establishes value for BCWP - the basis for reporting progress
- n BCWP affects both schedule and cost variances
- n Identify the earned value technique for each control account or work package.
- n Discuss the appropriateness of the earned value technique
- n if level of effort, is the passage of time the only measurable output?
- n if apportioned, is it directly dependent on another discrete work package?
- n if milestones are used for EV:
  - i are the milestone completion criteria defined? relation to technical tasks?
  - i are there sufficient number of milestones to allow ongoing earned value measurement? (ideally, one milestone per month)
- n how was subcontractor earned value laid in?
- n if 50/50 earned value technique is used, is the duration of the work package no greater than 2 months?
- n if percent complete is used, have him explain his methodology for assessing percent completion