

LCS International, Inc.

PMP Review

Chapter 10

Measuring and Controlling Project Performance

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These slides are intended to be used only in settings where each viewer has an original copy of the Sybex *PMP Study Guide* book.

Measuring Project Performance

- **Monitor and Control Project Work**
- Administer Procurements
- Report Performance
- Perform Integrated Change Control

Monitor and Control *Project Work*

Monitor and Control Project Work is the process of tracking, reviewing, and regulating the progress to meet the performance objectives defined in the project management plan. Monitoring is performed throughout the life of the project. It includes collecting, measuring, and distributing performance information, and assessing measurements and trends to effect process improvements. Control includes determining corrective or preventive actions or replanning and following up on action plans to determine if the actions taken resolved the performance issues.

Inputs

- .1 Project management plan
- .2 Performance reports
- .3 Enterprise environmental factors
- .4 Organizational process assets

Outputs

- .1 Change requests
- .2 Project management plan updates
- .3 Project document updates

4.4 *Project Management Integration*

→ To Perform Integrated Change Control

From Develop Project Management Plan

Tools & Techniques

- .1 Expert judgment



Measuring Project Performance

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Administer Procurements

Administer Procurements is the process of managing procurement relationships, monitoring contract performance, and making changes and corrections as needed. Both the buyer and the seller will administer the procurement contract for similar purposes. Each must ensure that both parties meet their contractual obligations and that their own legal rights are protected. The Administer Procurements process ensures that the seller's performance meets procurement requirements and that the buyer performs according to the terms of the contract.

Inputs

- .1 Procurement documents
- .2 Project management plan
- .3 Contract
- .4 Performance reports
- .5 Approved change requests
- .6 Work performance information

Outputs

- .1 Procurement documentation
- .2 Organization process assets updates
- .3 Change requests
- .4 Project management plan updates

12.3 *Project Procurement Management*

→ To Close Procurements

From Conduct Procurements

Tools & Techniques

- .1 Contract change control system
- .2 Procurement performance reviews
- .3 Inspections and audits
- .4 Performance reporting
- .5 Payment systems
- .6 Claims administration
- .7 Records management system



Measuring Project Performance

- Monitor and Control Project Work
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- **Report Performance**
- Perform Integrated Change Control

Report Performance

Report Performance is the process of collecting and distributing performance information, including status reports, progress measurements, and forecasts. Performance reporting involves periodic collection and timely analysis of baseline versus actual data to understand and communicate the project progress and performance information as well as to forecast the project results. Performance reports need to provide information at an appropriate level for each audience. The format may range from a simple summary or dashboard status report to more elaborate reports.

Inputs

- .1 Project management plan
- .2 Work performance information
- .3 Work performance measurements
- .4 Budget forecasts
- .5 Organizational process assets

Outputs

- .1 Performance reports
- .2 Organization process assets updates
- .3 Change requests

10.5 *Project Communications Management*

→ To Distribute Information

From Direct and Manage Project Execution

Tools & Techniques

- .1 Variance analysis
- .2 Forecasting methods
- .3 Communication methods
- .4 Reporting systems



Measuring Project Performance

- Monitor and Control Project Work
- Administer Procurements
- Report Performance
- ***Perform Integrated Change Control***

Perform Integrated Change Control

Perform Integrated Change Control is the process of reviewing change requests, approving changes, and managing changes to the deliverables, organizational process assets, project documents and the project management plan. It is performed from project inception through completion. The project management plan, project scope statement, and other deliverables are maintained by carefully and continuously managing changes, either by rejecting changes or by approving changes, thereby assuring that only approved changes are incorporated into the revised baseline.

Inputs

- .1 Project management plan
- .2 Work performance information
- .3 Change requests
- .4 Enterprise environmental factors
- .5 Organizational process assets

Outputs

- .1 Change request status updates
- .2 Project management plan updates
- .3 Project document updates

4.5 *Project Management Integration*

→ To Develop Project Management Plan

From Monitor and Control Project Work

Tools & Techniques

- .1 Expert judgment
- .2 Change control meetings



Perform Integrated Change Control

- Project management methodology
 - Change Control System
 - Change Control Board (CCB)
- Project management information system
 - Configuration Management System
 - *Configuration identification*
 - *Configuration status accounting*
 - *Configuration verification & auditing*