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# Change control

A process to ensure that changes to a product or system are introduced in a controlled and coordinated manner.

Snippet from [Wikipedia](#): **Change control**

Within quality management systems (QMS) and information technology (IT) systems, **change control** is a process—either formal or informal—used to ensure that changes to a product or system are introduced in a controlled and coordinated manner. It reduces the possibility that unnecessary changes will be introduced to a system without forethought, introducing faults into the system or undoing changes made by other users of software. The goals of a change control procedure usually include minimal disruption to services, reduction in back-out activities, and cost-effective utilization of resources involved in implementing change. According to the Project Management Institute, change control is a "process whereby modifications to documents, deliverables, or baselines associated with the project are identified, documented, approved, or rejected."

Change control is used in various industries, including in IT, software development, the pharmaceutical industry, the medical device industry, and other engineering/manufacturing industries. For the IT and software industries, change control is a major aspect of the broader discipline of change management. Typical examples from the computer and network environments are patches to software products, installation of new operating systems, upgrades to network routing tables, or changes to the electrical power systems supporting such infrastructure.

Certain portions of ITIL cover change control.

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[kb](#), [programming](#), [devopsconfigure](#), [change](#), [ci](#)

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