

Software Reengineering

CIS 376

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System Reengineering

- Restructuring or rewriting part or all of a system without changing its functionality
- Applicable when some (but not all) subsystems of a larger system require frequent maintenance
- Reengineering involves putting in the effort to make it easier to maintain
- The reengineered system may also be restructured and should be redocumented

When do you decide to reengineer?

- When system changes are confined to one subsystem, the subsystem needs to be reengineered
- When hardware or software support becomes obsolete
- When tools to support restructuring are readily available