



Project Planning and Control Management

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Advanced Planning and Scheduling-Primavera | Advanced planning and scheduling (APS) systems is defined as any computer program that uses advanced mathematical algorithms or logic to perform optimization, and/or simulation on finite capacity scheduling, sourcing, capital planning, resource planning, forecasting, demand planning and others. APS systems in manufacturing planning and control (MPC) processes, and the project plan is to explore how APS can support the processes using software like Primavera. A framework was also developed for when to use APS systems in S&OP processes. Three different types of benefits were identified when using APS systems in MPC processes; (1) decision support, (2) planning efficiency, and (3) learning effects. The prerequisites which may affect the probability of conversion success were separated into prerequisites identified in the selection phase, in the implementation phase, and in the post-implementation phase. A framework was also developed for when to use APS systems in Sales & Operation planning. Case study has been conducted including company that use APS in different MPC processes. The results are presented in four appended Process's. | Format: Paperback | Language/Sprache: english | 80 pp.



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