

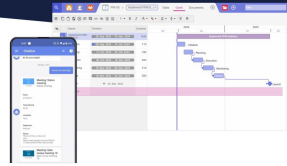
How AI Assistants Can Help PPM Professionals Execute Strategy

Project portfolio management (PPM) professionals can now accelerate strategic decision making with data-driven artificial intelligence (AI) and AI assistants (AIAs). Let's explore how AI-enabled applications like Planisware can help position project management offices (PMOs) as powerful strategic partners for their leadership teams.



Empower PMOs to Make Better, Faster Decisions

PPM AIAs can aggregate and analyze strategic and operational data to boost project and portfolio efficiency.



AI-Enabled What-If Scenarios

PMOs can perform advanced "what-if" analysis by modeling different portfolio and project scenarios using AI algorithms. Then, they can simulate the effects of different variables.



Strategic Balance and Cost/Benefit/Risk Analysis

AI models and algorithms can help PPM professionals build complete business cases and optimize **portfolio prioritization** using actual cost data from a PPM platform or a third party.



Portfolio Prioritization

AI-powered PPM algorithms can rapidly account for **financials**, resources, and risk-related constraints across a portfolio. They can also analyze historical project data, success factors, and market trends to fuel recommendations.



Cut Through the Complexity

Continuously learning AI facilitates agility and enables dynamic planning.



Rapid Adaptation

AIAs help PMOs develop an **agile culture** where team members can quickly adapt to business and consumer needs. Through features like automation that saves time on manual tasks, or predictive analytics that accurately forecast demand, AIAs help PMOs pivot to what matters most.



Resource Management and Allocation

AI predictive analytics can accurately forecast demand based on an organization's project history, major new projects, and cancellations. Algorithms can quickly match projects with the **right resources**, accounting for capacity, previous experience, and skillsets.



Scheduling and Estimation

Using historical data, AI can predict task and project duration to create **accurate plans and schedules**. Algorithms can schedule tasks based on constraints, availability, and dependencies.



Enhance Risk Identification & Mitigation

Machine learning (ML) spots patterns from past projects to make risk management more of a science and less of an art.



Patterns of Risk

Natural language processing (NLP) systems use AI to gain knowledge by scrutinizing written communications and documents. This enables PMOs to prevent problems and resolve conflicts by tracking emotional trends, team morale, stakeholder attitudes, and customer views, enabling PMOs to prevent problems and **resolve conflicts**.



Quantitative Risk Analysis

Advanced PPM solutions use **Monte Carlo Simulations** to generate different risk scenarios. They do this using an analysis of historical data subject to random variables, rerun in various combinations.



Enjoy Stronger Collaboration & Communication

AI-based knowledge management could transform the way enterprises learn and gain insight.



Conversing with AI PPM Assistants

As PPM AIAs, including AI-powered text chatbots, become more advanced, the experience of "speaking" with them becomes more natural and conversational. Users can ask for and receive instant updates, information, recommendations, and warnings about their projects.

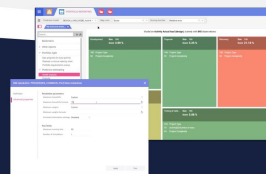


Knowledge Management (KM)

AI-powered KM systems automatically capture, extract, and categorize project data such as emails, web links, graphics, meeting notes, and invoices. This speeds up data access, **promotes teamwork**, and enables PPM teams to combine unstructured data and develop insights.

About Planisware

Planisware is a global provider of software solutions for PPM. Today, over 500 companies worldwide rely on Planisware products to manage their projects, resources, and portfolios. Discover **Planisware** for your business.



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