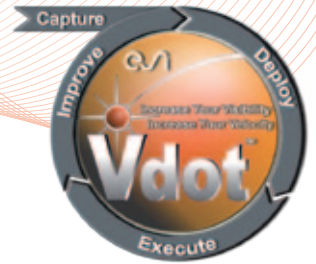# VDOT™ AND/OR PURE PROJECT MANAGEMENT SOFTWARE?

PROJECT MANAGEMENT & WORKFLOW FOR EFFICIENT EXECUTION AND AUTOMATIC STATUS TRACKING

PROJECT MANAGEMENT SOFTWARE

· Simple, tabular task definition.

· Simple task dependencies (predecessor, successor).

· Automatic schedule and resource calculations.

But…

· Limited help for task execution. (no connection to the data or tools).
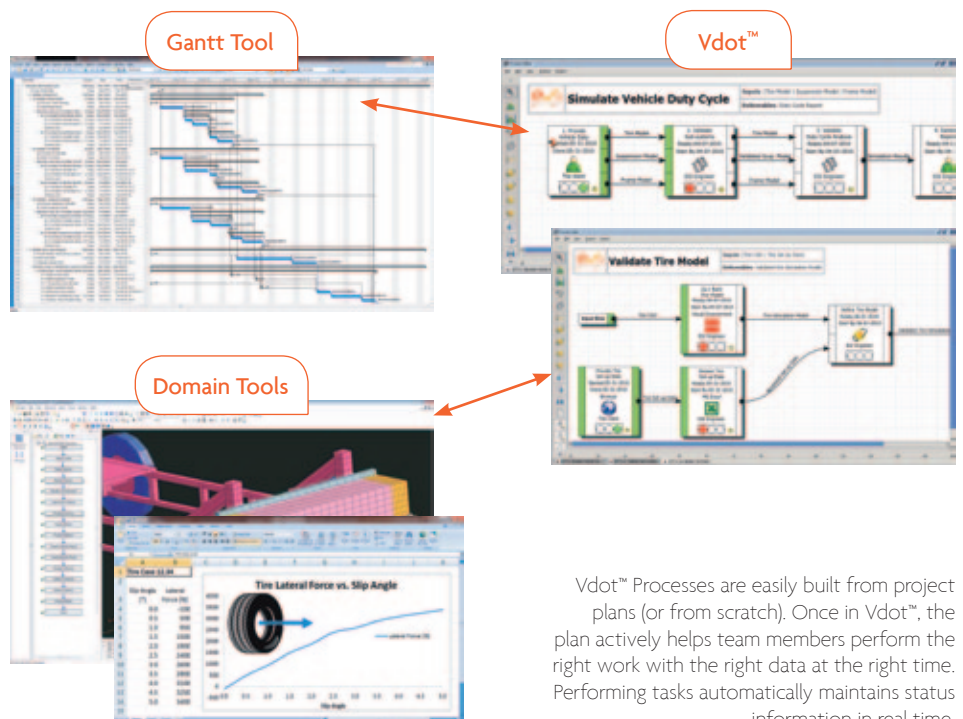
· Significant effort for status tracking.

VDOT™

· **Richer process model** (flowchart UI for information flows and tool definitions & standard project management parameters).

· **Information flows** define task dependencies.

· **Team execution** with prioritized delivery of task data and tools.

· **Status updates in real-time** from performing tasks.

· **Interfaces** to Project Management software.

Ensure that teams efficiently and verifiably follow project plans with Vdot™. Enjoy real time project status visibility without extra effort for information gathering.

Gantt chart project management software provides a simple way to plan and track project schedules and resource requirements with a familiar interface. If the task dependencies are well understood, then a feasible plan can be generated. If enough effort is devoted to tracking the status of the work, then management can enjoy needed visibility as the project progresses.
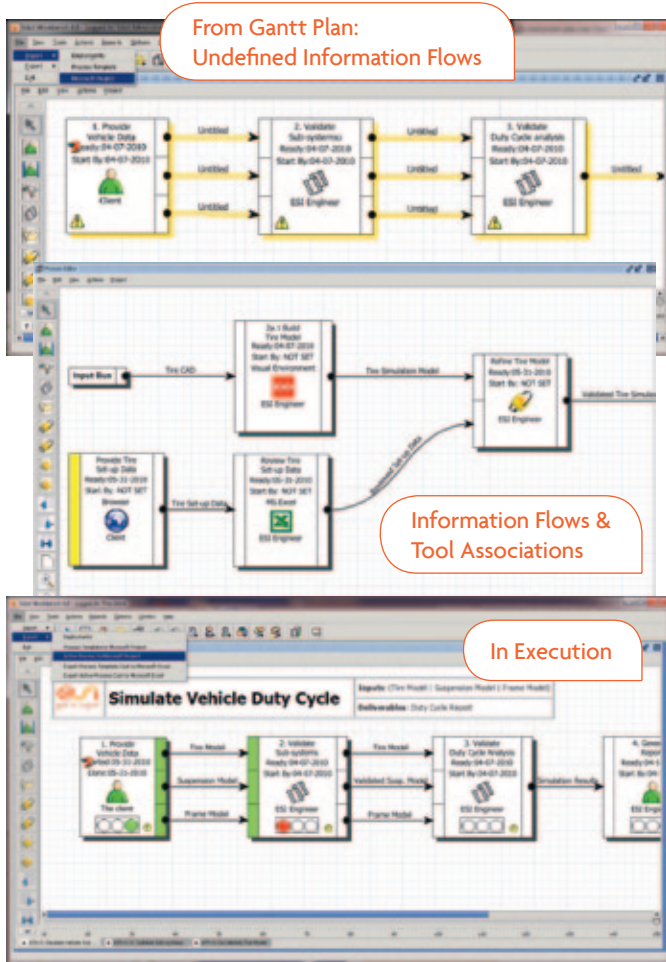
Vdot™ improves on project management benefits by adding easy and flexible workflow. This connects the plan to the work in a shared environment for planning, doing, and managing. By providing excellent information flow visibility, Vdot™ first ensures a good plan, then helps team-members execute to that plan, and automatically maintain status information in real-time. Current projects benefit from real-time status which also remains available for future improvement efforts.

· Better plans from **information flow visibility.**

· Better execution from **prioritized smart task delivery** (data, instructions, tool, schedule).

· Better management from automatic, **real-time visibility.**

Gantt Tool

Vdot™

Simulate Vehicle Duty Cycle

Validate Tire Model

Domain Tools

Tire Lateral Force vs. Slip Angle

Vdot™ Processes are easily built from project plans (or from scratch). Once in Vdot™, the plan actively helps team members perform the right work with the right data at the right time. Performing tasks automatically maintains status information in real time.

USE VDOT™ TO BETTER LEVERAGE YOUR MS PROJECT* CONTENT

From Gantt Plan:
Undefined Information Flows

Information Flows & Tool Associations

In Execution

DEFINE PROCESS FROM PROJECT STARTING DATA

1. Easily read project plan into Vdot™
   a) Task owners, durations, effort from Project
   b) Information flows undefined
2. Define information flows and tool associations
   a) Add names and types to information flow links
   b) This step usually modifies the MS Project network
3. Improve the process as desired
   a) More rational information flows
   b) Possible task automations

EXECUTE THE PROJECT WITH VDOT™

1. Activate the finished Vdot™ process
   a) Whenever needed
   b) On a regular schedule for periodic projects/processes
2. Perform tasks with prioritized smart task delivery
3. Real-time visibility
   a) Vdot™ desktop and web clients
   b) Direct and XML interfaces to other systems

Vdot™ is built on Java technology to support your multiple platform requirements.

* MS.PROJECT is a product of the Microsoft Corporation

For more information, please visit: www.esi-group.com/vdot

ABOUT ESI GROUP

ESI is a pioneer and world-leading provider in virtual prototyping that takes into account the physics of materials. ESI has developed an extensive suite of coherent, industry-oriented applications to realistically simulate a product's behavior during testing, to fine-tune manufacturing processes in accordance with desired product performance, and to evaluate the environment's impact on performance. ESI's solutions fit into a single collaborative and open environment for End-to-End Virtual Prototyping, thus eliminating the need for physical prototypes during product development. The company employs over 750 high-level specialists worldwide covering more than 30 countries. ESI Group is listed in compartment C of NYSE Euronext Paris. For further information, visit www.esi-group.com.

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