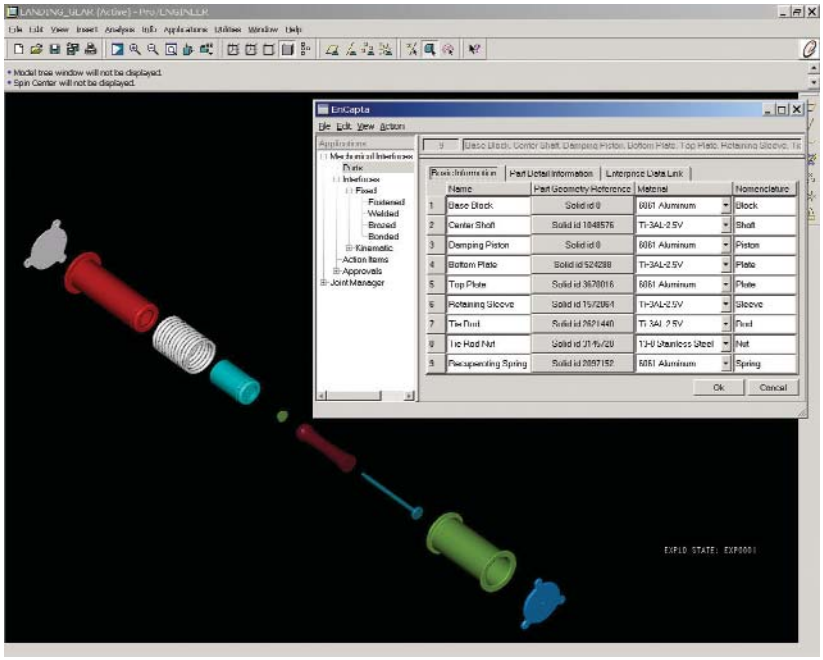
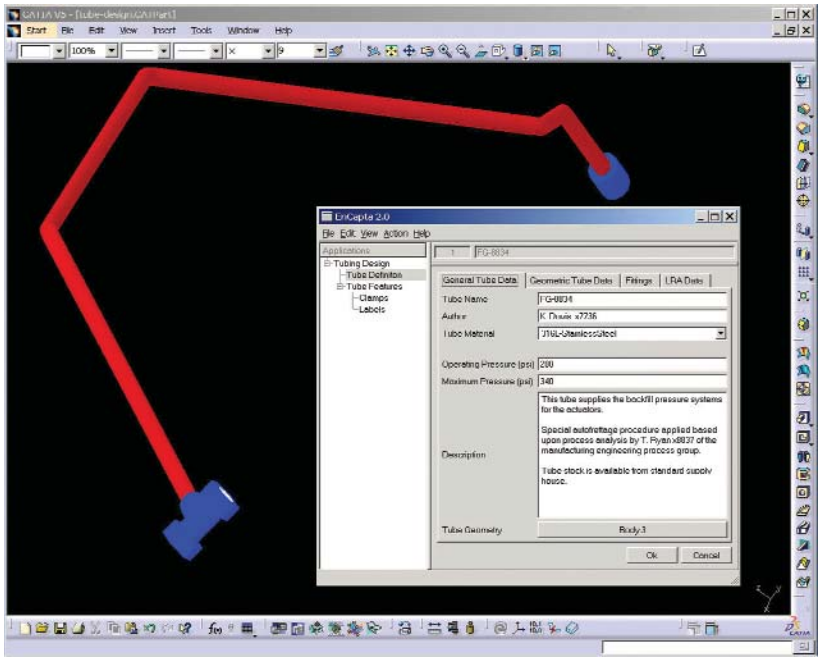
product line

EnCapta®

The Engineering Information Connection



EnCapta provides a convenient place to capture part and assembly notes and links them to relevant geometry. This EnCapta table view shows all the parts in an aircraft piston assembly.



EnCapta captures all the appropriate information about a routed system in a customizable form. The tabs provide access to specific groups of information, like application information, tube geometry or fitting data, so you can select the view that provides only the information you are interested in seeing.

In order to be first to market and gain a competitive advantage, today's design and manufacturing organizations are pressured to streamline decision-making and shorten development cycles. To do this, companies seek to build rich electronic 3D product descriptions that serve as one-stop information sources about product designs. Having all the design data available in one place enables engineers to use the information to identify and meet design constraints as early as possible, thus reducing cycle times.

The concept of a complete digital product definition is not a new one. In fact, many companies have heavily invested in software that addresses specific parts of capturing and communicating a complete digital product definition. For example, computer aided design (CAD) systems create complex geometry and 3D solid models, product data management (PDM) systems provide document control and configuration management, and internet portals enable easy access to design data. But organizations are discovering that their current tools are insufficient for capturing and sharing a truly complete electronic product representation. Engineers need a tool that complements the capabilities of the software they already use.

EnCapta® software from VISTAGY, Inc. fills the gaps in current digital product definitions by delivering more design information to the engineer when and where he needs it.

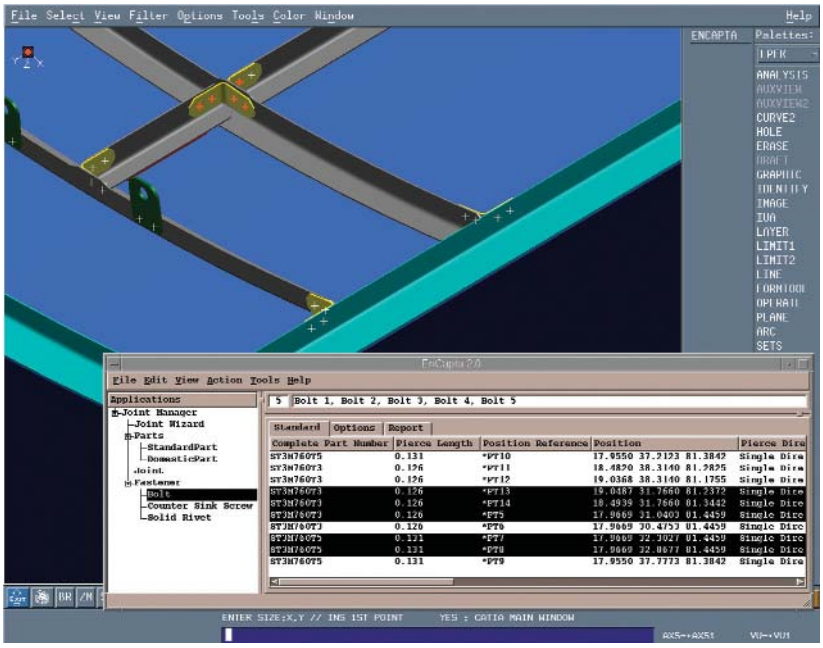
VISTAGY
empowering engineers

p r o d u c t l i n e

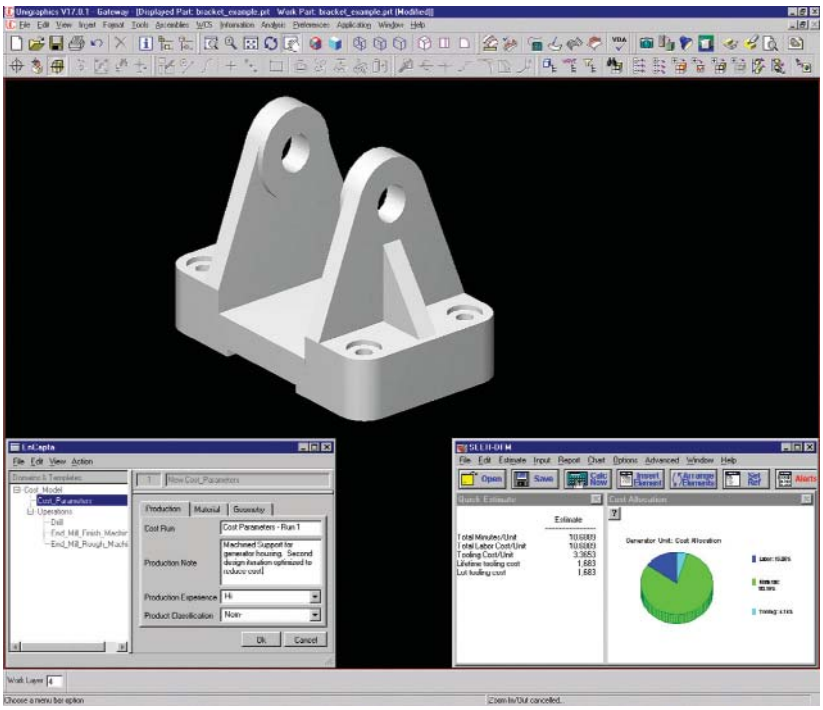
The software:

- captures in a **structured format** all the **non-geometric design details** - such as specifications, notes and cost information - and **associates** them with relevant geometric features
- captures the **relationship** between geometric and non-geometric information, not only at the part or assembly level, but at the **feature level**
- **integrates CAD, engineering applications, web services,** and **databases** using powerful **XML** technology
- provides **specialized design environments** that can easily be tailored to the specific needs of your products and processes **without costly programming**
- is tightly **integrated into the CAD system**, making it **easily accessible** and **available** on the engineer's desktop from the very first stage of design
- helps ensure that all the **appropriate data is collected as it is generated** because it is convenient to use
- **stores this data directly in the CAD model** so it can easily be **managed** by the current data management system
- uses **XML** to extract this vital data from the CAD model and **distribute** it electronically to other people and applications throughout the organization

EnCapta enables you to maximize your investment in the product definition systems you already utilize by creating *truly* complete digital product definitions that incorporate the full measure of your organization's product development practices.



Shown here is an EnCapta solution module for fastener design. EnCapta uses customizable templates that enable organizations to quickly develop and implement custom CAD environments without costly programming.



EnCapta shares information with databases, PDM, ERP and other engineering applications like cost modeling software (shown here) using XML technology.

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