Throughout the complex product lifecycle, you are expected to make good decisions while managing a large amount of information, often from a variety of sources. The Active Integration product suite from Siemens PLM Software provides a collaborative framework between Teamcenter and other application systems across your enterprise. Using Active Integration enables full bi-directional information exchange, making the right data available to all users anywhere across the enterprise.

By using software that is configurable out-of-the-box, customers invest less time and money in an integration project, enabling them to go from a product idea to decision-making much faster. Although some customers believe that using home-grown solutions will precisely match their needs, our software and processes are flexible enough to tailor integration so it can far exceed the functionality of a custom solution.

Facilitate decision making
In order to make effective decisions, users often have to gather data from a variety of enterprise applications, such as product lifecycle management (PLM), enterprise resource planning (ERP), manufacturing execution system (MES), customer relationship management (CRM) and supply chain management (SCM). Active Integration from Siemens PLM Software delivers solutions that enable users to share data from Teamcenter® software and other enterprise application systems to ensure that all stakeholders have the information they need to facilitate the decision-making process.

Active Integration provides you with powerful tools that allow immediate access to data, wherever it’s stored, essentially extending Teamcenter as the single point of access for both product and process knowledge. Our application-specific solutions include Teamcenter Gateway for SAP Business Suite® software and Teamcenter Gateway for Oracle E-Business Suite.
Active Integration

Features
- Provide out-of-the-box integration solutions for SAP and Oracle ERP
- Enable bi-directional data transfer
- Integrate with Teamcenter GUI
- Allow access to data wherever it resides
- Provide seamless processes that can start in PLM or enterprise applications
- Facilitate enterprise-wide integration with ERP, MES, CRM, SCM, etc.

software. Active Integration provides connectivity to the enterprise through industry-standard protocols such as Extensible Markup Language (XML), Java Database Connectivity (JDBC) and web services. The Active Integration framework is flexible enough to support the complex processes that drive innovation without being constrained by system boundaries. Processes start and end wherever it makes sense for your business.

By ensuring that your information is consistent across functional divisions and applications, and that the data is in the right context, you can focus on making the right decision, not tracking down the right data.

Enhancing business process integration
Solutions based on the Siemens PLM Software Active Integration framework are aligned and configured quickly by consultants who are experts in both Teamcenter and ERP applications such as SAP and Oracle. We understand that enterprise integrations affect a variety of diverse domains within a company, all contributing their respective knowledge and resources to the product lifecycle. From this perspective, it is clear that PLM is primarily about enterprise processes and how to optimize them, reaching far beyond design and engineering, the domain usually associated with PLM.

So a successful integration project isn’t just about connecting applications and moving data around; it’s about understanding your business requirements. Our consultants work with your stakeholders to ensure that an Active Integration project accurately incorporates your business processes and integration use-cases. We incorporate industry best practices to define a user-interaction model that is seamless and
largely transparent. At the same time, everything that we do translates to an integration that is easily modifiable and upgradable, so it can grow and change as your business does.

**Providing true enterprise integrations**

Active Integration is the first intelligent solution for company-wide consistent data and optimized processes. It fulfills even the most sophisticated requirements in a surprisingly intuitive way. Siemens PLM Software offers a complete, integrated solution of software, consulting and implementation. We work together with you to enable rapid realization of enterprise-wide integrations that will help your company leverage true innovation and develop products that thrive in the market.