

# PLM Basics E-Learning Course

## Session Description

**Intent:** The scope of this 3-hour course includes the presentation of today's view and vision of the global PLM market and technologies. The overall intent of the course is to provide a broad overview of the PLM market, including trends and critical elements of success.

### Course Outline:

#### Session 1: An Introduction to PLM

- A brief history of PLM and how it has evolved into a strategic business strategy.
- A definition and description of PLM, what it is and how its various components fit together.
- PLM's place in the enterprise—how integrity of information and effectiveness of the organization are linked.
- PLM's expanding reach including portfolio management, requirements management, digital manufacturing, systems engineering, and simulation and analysis.
- Assessment of comprehension.

#### Session 2: The Elements of a PLM Solution

- The main features and functions of an enterprise capable PLM solution are defined.
- A description of the functional areas that make up a PLM solution and a discussion of each of them; what they are and how they work, and what they are used to achieve.
- A generic representation of a PLM environment is presented.
- CIMdata's world-class PLM model is described.
- Assessment of comprehension.

#### Session 3: Today's PLM Related Trends & Challenges

- A look at the trends and issues that are currently impacting the PLM market, solutions, and implementation strategies as well as PLM's future development and use is described.
- These trends and issues are reviewed with an eye on how they are forcing changes to what PLM is and how it is viewed and implemented.
- How PLM is transforming into an enterprise business platform focused on innovation enablement is described.
- Assessment of comprehension.