Strategic Partners of the Advancement of Collaborative Engineering (S.P.A.C.E).

The initiative brings together global leaders in product development and partners them with colleges of engineering to catalyze new partnerships in product development education and research. The partnership will encourage industry and academic collaboration, create meaningful project experiences and foster cross-educational programs focused on Product Lifecycle Management (PLM) education.
PLM is an integrated information driven approach comprised of people, processes/practices, and technology to all aspects of a product's life and its environment, from its design through manufacture, deployment and maintenance culminating in the product's removal from service and final disposal. By trading product information for wasted time, energy and material across the entire organization and into the supply chain PLM drives the next generation of lean thinking.

Dr. Michael Grieves  
Virtually Perfect 2012, University of Iowa, Founder S.P.A.C.E.
New developments in new product development

Engineering jobs have changed. The globalization of the design process, increased product complexity and increased regulatory pressure has meant that an understanding of Product Lifecycle Management (PLM) or the importance of collaboration has become a necessary skill for graduates. At PTC, we are committed to supporting individuals and institutions dedicated to delivering a modern product development education.”

Alister Fraser
Academic Program Manager PTC North America
Corporate contributor

As a corporate contributor and global leader in product development you will become a member of network of corporations, educational and professional institutions, foundations, and individuals. Together, these organizations and individuals support the initiative by providing equipment, direction through advisory board membership, project experiences for student participation that ultimately help catalyze new industry and academic partnerships in product development education and research.

University Partner

The Strategic Partners of the Advancement of Collaborative Engineering (S.P.A.C.E) is committed to supporting individuals and institutions dedicated to delivering a modern product development education.

As part of the initiative, each university will be partnered with a leading product development company and receive a software donation to enable collaboration, create meaningful project experiences and foster cross-educational programs focused on Product Lifecycle Management (PLM) education in the classroom.

Advisory Board Members:
PTC Windchill:

- PTC Windchill provides the ability for students to work concurrently on senior design projects, curriculum and collegiate design competitions regardless of their geographic location.

- PTC Windchill provides students with an insight into the lifecycle of a product and helps them understand that their design decisions have implications beyond their original purpose.

- PTC Windchill provides a means to document, capture, reuse and transfer knowledge across academic institutions and the wider research community.

- PTC Windchill ‘on demand’ provides a scalable, secure webbased project structure for capturing engineering data such as: documents, images, video and CAD files (integration with Solidworks included) with no impact on your departments IT infrastructure.

A one year subscription and access to the following resources:

- Access to the PTC Windchill Academic platform containing solutions such as PTC Windchill PDMLink and PTC Windchill ProjectLink for a period of 12 months.

- Unlimited user accounts at each institution. Only the storage of data is subject to limitation presented in section 4 (conditions of use of the platform).

- Free professional development options for the instructors:

- A two-day customized Academic training TRN-1901W-T): Introduction to PTC Windchill PDMLink 10 and Introduction to PTC Windchill ProjectLink. Available for up to two instructors from each institution at a PTC training center or virtually (dates and locations vary).

PTC Windchill manages the complete digital product definition:

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