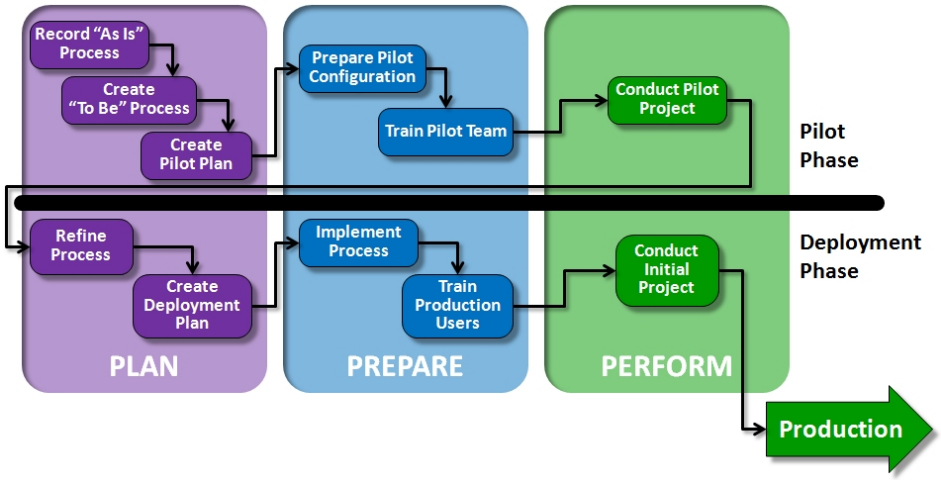
Mentor Consulting Division
Capital Deployment Services Using the P^{3}roven Methodology

O V E R V I E W

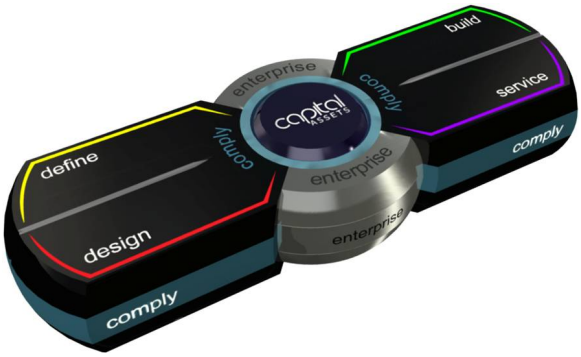


Implementing an Electrical Platform Engineering (EPE) environment with Capital can reap great benefits. To compress time to value and minimize risk, Mentor Consulting offers Capital Deployment Services using the P^{3}roven tools and methods.

Features & Benefits

- Compress time to the value delivered by implementations of Capital solutions
- Establish an efficient, well architected Capital flow that supports your business processes
- Gain expertise through comprehensive knowledge transfer
- Led by consultants with years of experience and knowledge of industry best practices

Capital – A Platform Level Electrical Environment



Capital is a suite of software applications that efficiently creates and utilizes electrical design data. The applications respond to the ever-growing importance and complexity of vehicle electrical/electronic systems. Powerful technologies help optimize business value by reducing the design, validation, manufacturing & servicing costs associated with electrical distribution systems and wire harnesses.

Developed for transportation platforms such as aircraft, automobiles and off-road vehicles, Capital is scalable from small, localized projects through to complete enterprise-wide deployments. The suite spans an extended flow from vehicle concept and electrical architecture definition to wire harness manufacture and vehicle maintenance. The core Capital tools can be implemented individually or deployed together in a unified flow that seamlessly matures data within a consistent environment. Robust integration with adjacent domains (such as MCAD and PLM) is fully supported, as is cross-organizational collaboration.

Compressing Time to Value

The duration between investing in new software and realizing the expected business benefits is known as the *time to value*. This time to value can be compressed by using tested, domain specific deployment methods, an in-depth knowledge of industry best practices and tool expertise gathered from many years experience in

The P^{3}roven Process for Deployment

P^{3}roven is a comprehensive methodology developed by Mentor Graphics, supported by targeted tools and resources, with the primary goal of driving rapid adoption of Capital. P^{3}roven considers every aspect of deployment such as strategic objectives, schedule, resources, risk management, and improvement opportunities. P^{3}roven builds on these considerations (that apply to the adoption of any important software product) and is focused specifically on optimizing the power of Capital to realize your business goals.

P^{3}roven process makes use of 3 key stages:

Plan: This phase also identifies a target engineering process and creates a deployment plan that considers business objectives, success factors, project team roles, program milestones, steps to implementation, and technical dependencies.

Prepare: The preparation phase implements the target engineering process, including systems integration considerations, customizations and validates the new process through a pilot project. This phase also prepares the user community on both the Capital tools and defined process.

Perform: This phase finalizes the new Capital engineering process for production usage.

Mentor Consulting – P^{3}roven Track Record

With every part of your business you employ the professionals. Adopting a new design process is not a trivial task and needs expertise to get the maximum benefit. The Mentor Consulting team has extensive understanding of the Capital tool suite and domain expertise obtained over many years of using the P^{3}roven methodology. Mentor Consulting can help you use the Capital tool suite effectively.

Bringing all of the Pieces Together

In addition to deploying Capital using the P^{3}roven methodology, our expert consultants can advise and implement further customization of the Capital tools to provide an exact fit into your business environment. Typical examples of this expertise are the creation of special reports, constraints and DRCs.

Knowledge Transfer

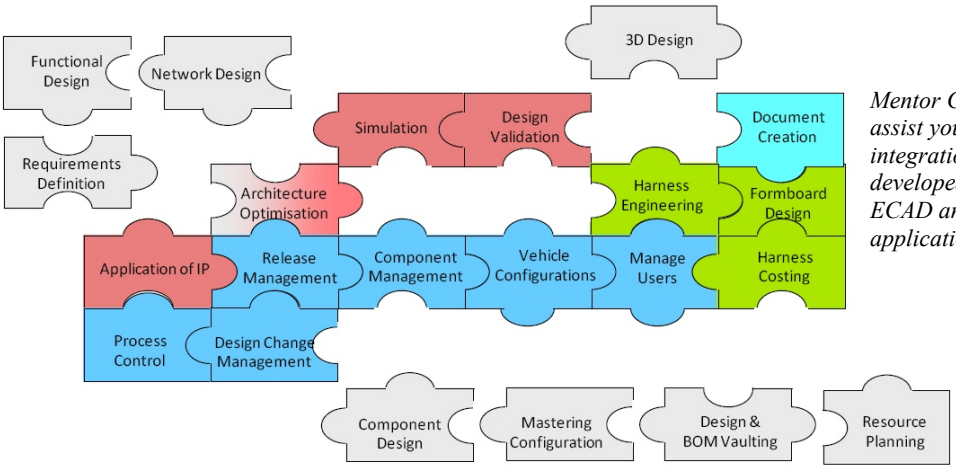
Do you have personnel that could develop the tool customizations within your organization? We firmly believe in not only offering services to be used to develop solutions but also to prepare you as an organization for future development. Our team of experts can offer tailored 'Extensibility Workshops' to teach your staff how to develop their own customizations. When future modifications to the system are required, the skill to make the changes will remain within the team.

About Mentor Consulting

Mentor Consulting provides customers with excellence and expertise in electronic design automation infrastructure and methodology. It is the only service partner in the industry that invests in the transfer of knowledge to its customers to ensure a smooth deployment and integration of new tools and methods. Mentor Consulting solutions for silicon yield enhancement, DFT, verification, cabling, and data management are engaged worldwide by forward-looking electronics companies to optimize design productivity and advance adoption of the latest industry design best practices.

For more information, contact mentor_consulting@mentor.com or visit www.mentor.com/consulting.

Experience Excellence | Mentor Consulting



Mentor Consulting has the expertise to assist you with specific 3rd party integrations including internally developed tools, custom ERP, MCAD, ECAD and any other value-add applications within the enterprise.

Corporate Headquarters
Mentor Graphics Corporation
8005 SW Boeckman Road
Wilsonville, OR 97070-7777
Phone: 503-685-7000

Sales and Product Information
Phone: 800-547-3000
503-685-8000

Silicon Valley
Mentor Graphics Corporation
46871 Bayside Parkway, #B
Fremont, CA 94538 USA
Phone: 510-354-7400
Fax: 510-354-7467

North American Support Center
Phone: 800-547-4303

Europe
Mentor Graphics Corporation
Arnulfstrasse 201
80634 Munich Germany
Phone: +49.89.57096.0
Fax: +49.89.57096.400

Pacific Rim
Mentor Graphics (Taiwan)
Room 1603, 16F
International Trade Building
No. 333, Section 1, Keelung Road
Taipei, Taiwan, ROC
Phone: 886-2-87252000
Fax: 886-2-27576027

Japan
Mentor Graphics Japan Co., Ltd.
Gotenyama Garden
7-35, Kita-Shinagawa 4-chome
Shinagawa-Ku, Tokyo 140
Japan
Phone: 81-3-5488-3030
Fax: 81-3-5488-3021

Mentor Graphics

2011.03.27