Digital Technical Publications

State-of-the-art technologies from PTC, and solutions and frameworks built by Capgemini

In collaboration with our long time partner PTC, we are launching a Centre of Excellence (CoE) for Technical Documentation in Bangalore.

Increasing the cognitive efficiency of product usage and serviceability of a complex engineering product is becoming a challenge.

Traditional methods of developing and publishing Technical Content through static set of digital content published as PDF or web content are being challenged by increased product complexity, product variants and service revisions currently provided.

Capgemini's DTP

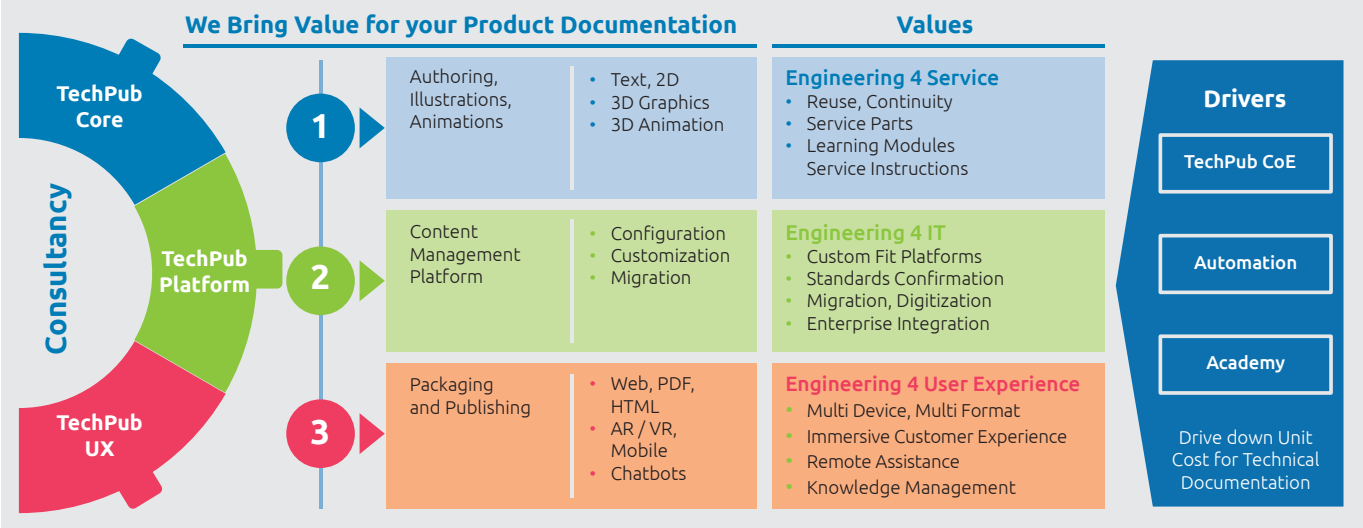
Capgemini's Digital Technical Publications (DTP) is an evolution in consuming and managing technical content by bringing an element of interaction to virtualized products. DTM enables simplification and visualization of work instructions for both product use and product serviceability. DTP initiates a digital transformation through modernization of legacy technical data to compatible standards and formats, including 3D models integrated with animation.

Capgemini offers both traditional and Digital Services based on the maturity level of the organization's existing technical content management setup.

Capgemini's Value Proposition for DTP

We have built expertise, developed core competency and accelerators which help in adding value to your needs of digital technical content of complex products, including documentation, training and service delivery.

• 30% Reduction in TCO • Targeted ROI in 3Years	• Legacy of 12+ Years
• Customer Satisfaction • Digital Experience	• 800+ Engineers • Integrated Learning Management System
• Accelerated Transformation using GEM Methodology	• End-to-End Solution
• Flexible Business Models • Team Agility	• Custom Built Tools and Certified Processes
• Standardization • Industrialization & Automation	• Lean Practices and Industry Best Practices
• Rightshore Solution • Offshore Centric	• Complementary Engineering Services Expertise



Capgemini meets the top requirements of technical content for complex products and addresses the concerns with outsourced services by operationalizing DTP through an offshore factory model.

Requirements Met

- Improve end customer satisfaction with modernization of Technical Publications
- Continuous push to reduce cost
- Quick turnaround time and quality of deliverables
- Domain and product knowledge to author technical publications
- Global delivery with close proximity to all major industrial locations and proven offshore centers

Success Stories

Aerospace

- Bombardier
- Airbus
- GE Aviation

Mobility and Off-highway

- GE Transportation
- Terex
- John Deere
- CNH

Concerns Addressed

- Engineers from respective domains for analysis of complex engineering products
- Deep knowledge of styles and standards used in the sectors and best practices minimize re-work
- TPM, custom built project management tool for DTP gives complete visibility of the engagement
- TechPub Factory is ISO 27001 certified for information security
- KPI and SLA driven engagement
- Commitment to continuously improve productivity of the team through adoption of lean practices and Six Sigma

Factory Toolkit

- **Authoring:** Arbortext, Framemaker, XML editor, Legacy tools, Customized editors
- **Illustration:** Technical Illustrator, Isodraw, Adobe Illustrator, Adobe Photoshop
- **Work Flow:** Technical Process Manager (TPM) designed for DTP
- **Standards:** S1000D, ATA iSpec 2200, ATA 100, DITA etc.,
- **AR/VR:** Vuforia, Metaio, OpenGL, Google Glass, Microsoft Hololens

About Capgemini

Capgemini is a global leader in consulting, digital transformation, technology and engineering services. The Group is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year+ heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. Today, it is a multicultural company of 270,000 team members in almost 50 countries. With Altran, the Group reported 2019 combined revenues of €17billion.

Visit us at

www.capgemini.com

About Capgemini's Digital Engineering and Manufacturing Services

Capgemini's Digital Engineering and Manufacturing Services brings together deep domain expertise to lead the convergence of Physical and Digital worlds through technology, engineering and manufacturing expertise to boost our clients' competitiveness. A recognized leader with over 10,000 engineers across the globe and 30+ years of experience, Capgemini's comprehensive portfolio of end-to-end solutions enables global companies to unlock the true potential of their product portfolios and manufacturing efficiencies.

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People matter, results count.

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