Overview
Singapore’s Advance Manufacturing Transformation Center (AMTC) is the first of its kind competence center that provides guidance and support to manufacturing facilities in ASEAN on their journey of adoption, transition and transformation towards advance manufacturing.

The center will showcase state of the art Siemens digital enterprise solutions that will enable companies to create a digital twin model in order to simulate and evaluate its operations in a real manufacturing environment.

The center will also house its first Additive Manufacturing Experience Center (AMEC) outside of Germany, where companies can experience an advance end-to-end additive manufacturing production line with our technology partners. Companies will be able to carry out prototyping and low volume production with the support of our on-site Additive Manufacturing experts, enabling a smooth transition and transformation to in-house advance manufacturing.

Customer’s transformation journey
Enable smooth business transition and transformation with tailored expert guidance and support

- Phase 0: Introduction to Additive Manufacturing
  - Digital Transformation workshop
  - Advanced Manufacturing factory setup
  - 3D Technology Evaluation Workshop

- Phase I: Design
  - SIRI Assessment
  - Product Portfolio assessment (3D)
  - Advisory (Product design, DFAM)
  - Prototype printing
  - NX CAD Design Suite

- Phase II: Planning
  - Manufacturing Design Consultancy
  - Digital Twin optimization
  - Process Automation
  - Line Certification
  - Supply Chain Strategy

- Phase III: Engineering
  - Low Volume Production Training
  - Virtual Commissioning
  - Pilot manufacturing

- Phase IV: Execution
  - Advance Manufacturing line implementation
  - Digital Performance Twin
  - Manufacturing Operation Management (MoM)

- Phase V: Services
  - ZerOneDesign
  - Digital Inventory
  - Digital Innovation Platform
  - Mindsphere (Cloud connectivity)
Industrialize Advance Manufacturing with seamlessly integrated software and automation solutions...

Exclusive Access

The Advance Manufacturing Transformation Center (AMTC) combines 3 key elements – the Digital Enterprise Experience Center (DEX), the Additive Manufacturing Experience Center (AMEC) and Rental Labs, creating a one-stop advance manufacturing ecosystem to provide guidance and support for companies embarking on their digital transformation journeys.

Facility Unique Offerings

- One-stop advance manufacturing ecosystem
- Showcase of cutting edge digitalization technology
- One-stop additive manufacturing network
- Technology (co-creation) Development Environment

Membership Benefits

- Access to range of advance manufacturing equipment
- Access to industry experts
- Access to advance manufacturing line
- Access to advance technology training facility
- Hands-on training (transition)
- Smart Industry Readiness (SIRI) Index Assessment

For more details contact
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