



# Technology Leverage For DIGITAL TRANSFORMATION OF EGYPTIAN MANUFACTURING SYMPOSIUM

Organized by

**October University  
for Modern Sciences & Arts (MSA)**

&

**Science and Technology Development Fund (STDF)**

Under the auspices of

**Prof. Dr. Nawal El Degwi**

Head of the Board of Trustees of MSA University

**Prof. Dr. Khairy Abdel Hamid**

President of MSA University

**Prof. Dr. Emad Hegazi**

Chairman of STDF

**Organizing Committee**

Dr. Ola Emara

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WHAT'S  
STOPPING  
YOU?

# Technology Leverage For DIGITAL TRANSFORMATION OF EGYPTIAN MANUFACTURING

**SYMPOSIUM**  
**November 6, 2019**  
MSA Venue



## AIM

Today's manufacturing enterprises rarely live in isolation. They need to be connected in order to create products from which a group of enterprises, called global-value-chain (GVC), can derive higher value.

These chains need to communicate intelligently. This means, the production planning and control systems (known as Enterprise-Resources-Planning ERP) of the chain members should interoperate digitally without human intervention.

This applied research project is funded by the Science and Technology Development Fund (STDF), to create a software product serving the digital transformation, of the Egyptian manufacturing companies. Factories can thus plug in international manufacturing networks, expanding the target market for the Egyptian industry.

الهدف من هذا البحث التطبيقي هو تطوير منتج مصري من تكنولوجيا المعلومات لتمكين المصانع المصرية من الاندماج في شبكات سلسلة القيمة والمساهمة في التصنيع العالمي، وبالتالي خلق مصدر إيراد جديد بالعملة الصعبة للشركات المصرية. ولقد أثبتت التجربة الصينية جدوى هذا الاتجاه.

### Research Partners

Faculty of Management Sciences  
Faculty of Computer Science  
Faculty of Engineering  
Dirac Systems

- 9:00 - 10:00** Networking and Registration
- 10:00 - 11:30** Welcome Remarks by:  
**Prof. Nawal El Degwi**  
Head of the Board of Trustees of MSA University  
**Prof. Khairy Abdel Hamid**  
President of MSA University  
**Prof. Emad Hegazi**  
Chairman of STDF  
Guest Speaker: **Eng. Walid Gad**  
Chairman of Chamber of Information  
Technology & Communication (CIT)
- 11:30 - 12:00** Break
- 12:00 - 12:30** Presentation: **Dr. Adel Ghannam, MSA**  
The foundation of the developed product
- 12:30 - 1:00** Life demo  
**Eng. Mohamed Hamed, Dirac**
- 1:00 - 1:30** Presentation: **Prof. Nahed Sobhy**  
Impact on Modern Industrialization
- 1:30 - 2:30** Student Forum

## SCHEDULE



University  
October University for  
Modern Sciences and Arts  
Established by Dr. Nawal El Degwi in 1996



Science and Technology Development Fund

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