

INSIDE PPG: HOW TECH DRIVES BUSINESS



INTRODUCTION

In today's digital age, Technology and Information Systems are essential for business operations and decision-making. Industry Talk 1 showed how PPG applies IT in real business practice.

Key highlights :

- PPG's IT role and strategy
- Data analytics for business insights
- Global infrastructure and cloud architecture
- SAP ERP implementation

Through this talk, students could connect theory to real application and understand how IT drives efficiency, scalability, and sustainability.

2. Global Infrastructure Overview

Plan – "Strategize"

- Regional infrastructure management
- Architecture design & governance
- Mergers & acquisitions support

Build – "Develop"

- Application services
- Cloud Center of Excellence
- Workplace and core infrastructure

Run – "Operate"

- Global operations & IT service desk
- Operations centers
- Performance & issue resolution
- Site IT (EMEA / APAC / Mexico / USCA)

REFLECTION

Through the talk, we learned how ICT supports real business operations in a global company like PPG. PPG uses Data Analytics to turn raw data into useful insights, and relies on Global Infrastructure and Cloud Architecture to connect systems securely across countries. We also learned how SAP integrates key processes into one ERP platform. These examples helped us link classroom theories to real industry practice. Overall, the talk highlighted the importance of ICT in improving business efficiency and motivated us to strengthen our skills.

01. DATA ANALYTICS

- Data is readily accessible to drive business results, improve efficiency, and identify growth opportunities.
- Focus on reducing complexity, centralizing data, empowering users, and continuous optimization.
- PPG Examples:
 - Global Marine Hull Navigator / Vessel Database
 - Supply Chain Control Tower(Complexity Analysis Tool)

02. Future IT Infrastructure Trends



- Evolution of IT Infrastructure
- Current Cloud Technologies
- Autonomous Infrastructure
- AI-driven IT Operations
- Zero-Trust Security Model
- The Role of Edge Computing
- Business Adaptation in a digital environment

SUMMARY

This industry talk showed how PPG uses Data Analytics, Global Infrastructure, and SAP ERP to improve efficiency and maintain accurate, integrated information.

Key Takeaways:

- Importance of reliable data.
- "Plan, Build, Run" framework supports global IT operations.
- SAP provides a single source of truth across departments.
- Offers career growth through mentorship and cross-functional exposure.
- Trend like AI operations and zero-trust security stress the importance of continuous learning.

03. SAP(Systems, Applications & products)

ERP (Enterprise Resource Planning)

Helps organizations integrate, streamline, and unify core business processes with a single source of truth.

SAP Modules

- Functional (business processes)
- Technical – Backend tools, SAP architecture (Basis, ABAP)
- Reporting – Business Warehouse (BW), SAP Analytics Cloud (SAC)

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