

INDUSTRY TALK 1

PPG, DATA ANALYTICS, INFRASTRUCTUR & SAP

INTRODUCTION

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PPG is a global painting and coating company that provides ideal solutions for global architectural, performance, and industrial coating. Their aim is to meet customer expectations with innovative paint, coating, and provide environmental product.

PPG introduced specialized teams such as Data Analytics, global Infrastructure, and SAP.

- Data Analytics: Identifies trends and improves service quality.
- Global Infrastructure: Ensures systems run globally with stability and security.
- SAP: Manages core business functions such as finance, sales, and manufacturing.



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CONTENTS

PPG's 3 main business segments:

- Global Architectural Coatings (25%)
- Performance Coatings (35%)
- Industrial Coatings (40%)

Core Infrastructure Model

Plan - Teams take responsibility to interact with partners in order to plan and evolve global IT strategy

Build - Teams are responsible in building and adapting IT services and structures

Run - Teams are responsible to ensure services running smoothly and meet user needs

Data & Analytics

PPG focuses on enabling data-driven decision making, however currently facing challenges like fragmented or complex data and immature data management.

PPG's investment strategy is focused on:

- Complexity Reduction - Aims to simplify current data which is described as complex and fragmented
- Centralization and Growth - To establish single source of truth and grow high quality data assets
- Empower its business with data - To ensure that data is available and accessible to drive results and uncover growth
- Continued Optimization - To improve data quality and delivery continuously

SAP in PPG

SAP Modules are grouped by operations streams, like:
DTR(Demand to Replenish) - Materials Management
Quality Management

PTR(Procure to Pay) - Vendor Invoice Management,

RTR(Record to Report) - Financial Accounting
Fixed Asset

Community Impact

Colorful Community - The program was launched in 2015 and will be celebrating its 10 years of commitments in 2025. It has achieved 600 projects in over 50 countries worldwide.

Real-World Analytics Use Cases

Global Marine Hull Navigator - Tracks vessel data (speed, location, sea condition). Provides insights that contributed to 3% speed gain for ships.



EXECUTIVE SUMMARY

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The industry talk to introduce how PPG operate globally by using data analytics, global infrastructure and SAP. With the help from these teams, PPG enable to make faster decision, reduce operational cost, enhance capability and performance. Throughout the session, students were given a clearer view of how real-world systems operate, including the need to manage large amounts of data, communicate across countries, and handle more complex execution processes.



Obviously, our hands on project experience is very important, but unfortunately we cannot deny that academic do play the role. So they do look at when we try to apply the PPG, they will request for our academic transcript that allow to see. For example at semester 1 is about the theory and semester 2 is about the hands on practical site. Some student maybe is not really strong at the theory but for practical they are doing very well, that is something that they will evaluate. Then, they will evaluate when we doing the interview, the way we answer it. If we answer them as like at the textbook answers, that is not something they are looking for as well but if we could apply on what we have learn and done in school so probably we will be chosen.

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REFLECTION

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