

ImageGrafix Capability Presentation

Digital Engineering

ImageGrafix Overview

Company Name	: ImageGrafix software FZCO
Founded	: 1996
Head Office	: Dubai, UAE.
Group Companies	: ImageGrafix Software Solutions Pvt Ltd, India. ImageGrafix Engineering Services Pvt Ltd, India. ImageGrafix Enterprise Solutions Pvt Ltd, India. ImageGrafix International for Information Technology, KSA
Offices located	: UAE -Dubai, Abu Dhabi. KSA - Al Khobar. India- Chennai, Mumbai, Hyderabad, Kolkata, Delhi, Pune, Baroda
Website	: https://image-grafix.com/

image-grafix.com

ImageGrafix Overview

ImageGrafix helps organizations gain valuable business transformations in different industry verticals such as Energy, Process, Utilities, Manufacturing and Infrastructure by global technologies, consulting, Digitalization, Cloud infrastructure, Augmented Reality, IoT & Innovative ITES Business Solutions for Owners, Operators and EPCs for decades globally.



Energy (Oil & Gas and Power)



Building & Infrastructure



Manufacturing

Our Key Partners



ORACLE

Partner



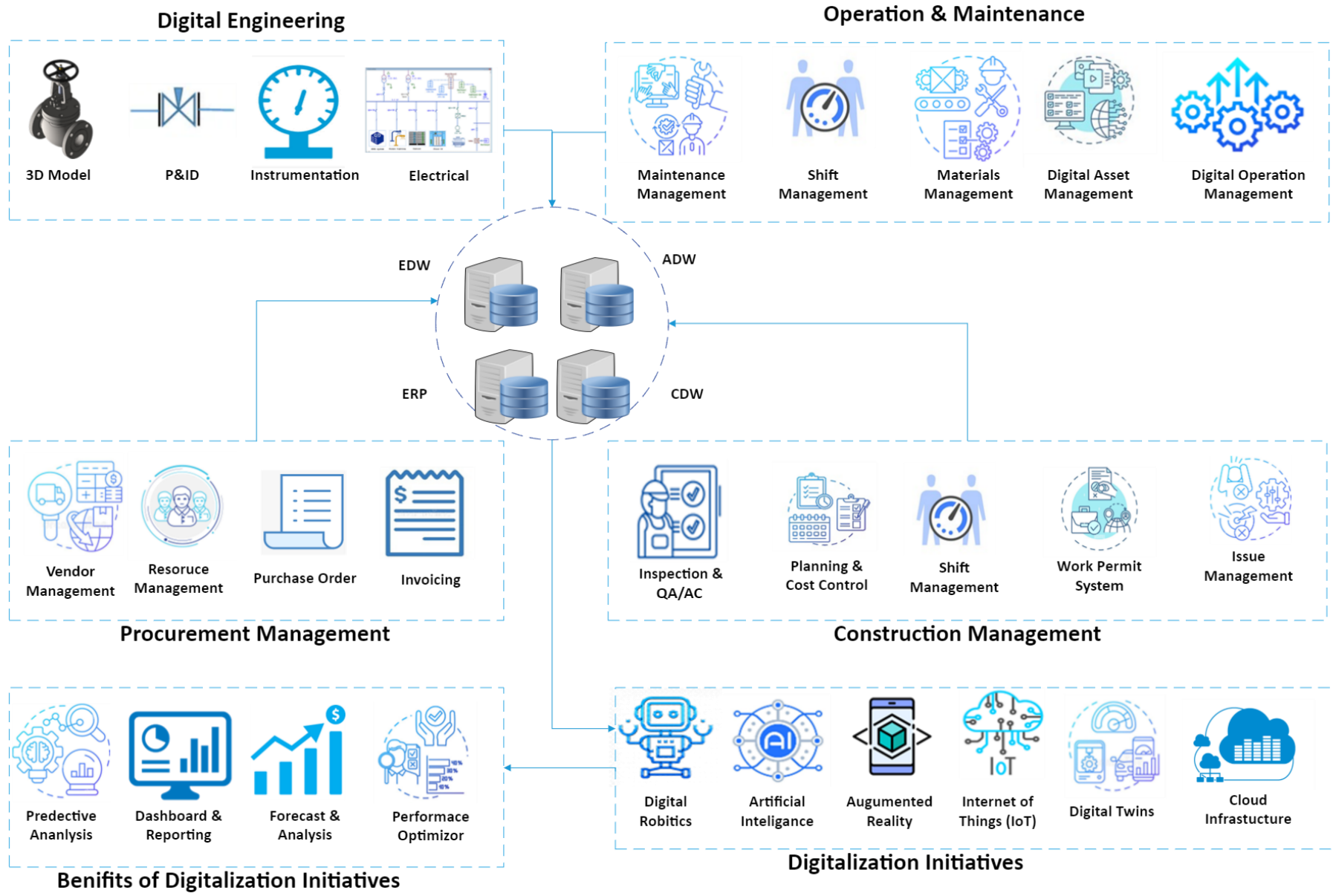
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SOLUTION OVERVIEW

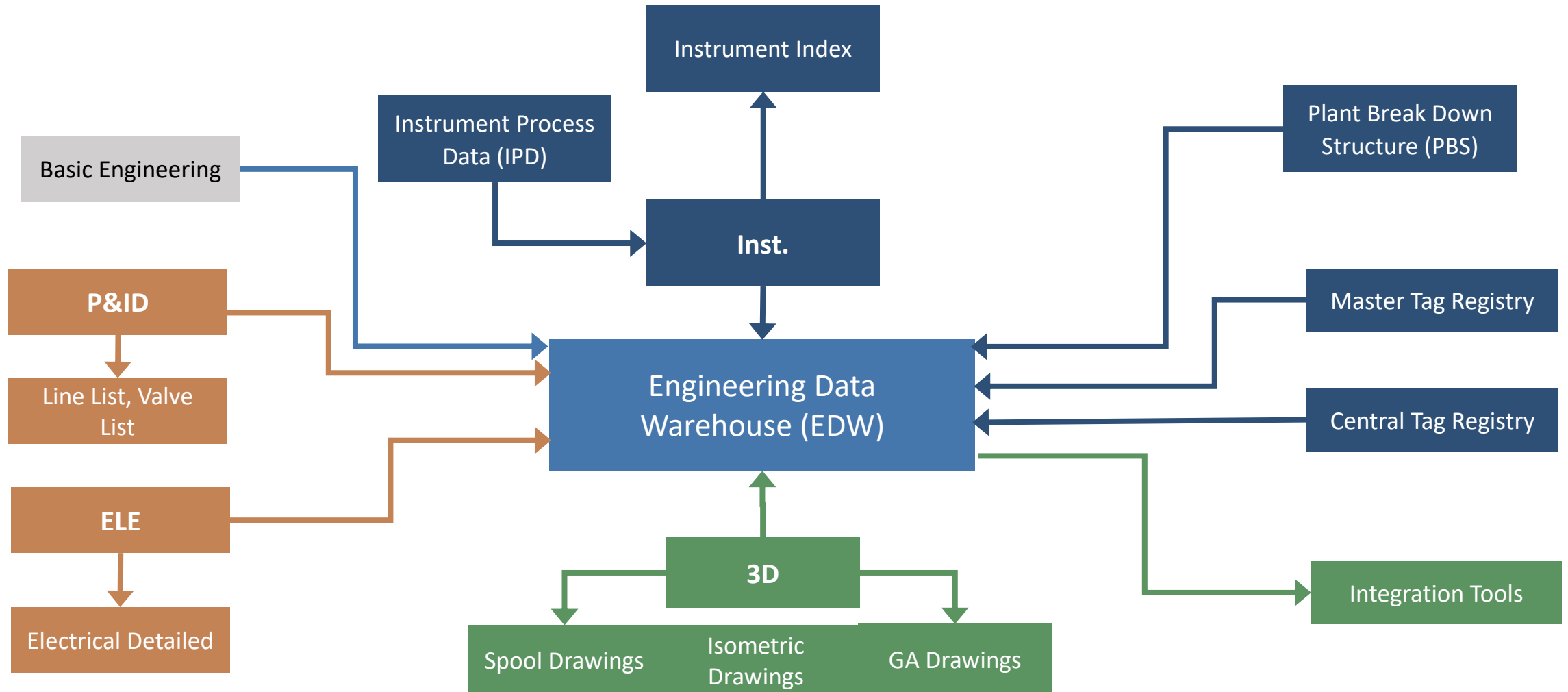
Common Data Environment (CDE)

A CDE is a cloud-based space where information from construction projects is stored and accessible to project participants. This access depends on participants' requirements or level of authorization, as well as their contractual obligations. Project information must be housed in a secure CDE that utilizes rigorous security protocols to ensure all stakeholders' data is safeguarded from threats and enables project teams to collaborate and work more effectively.

- Control, insights, effortless handover, and fast ROI
- Process management across the entire lifecycle
- Connected project team enhances collaboration
- Common data environment (CDE) connects all project and model information
- Configurable platform - enable specific processes
- Single source of truth improves data management, reduces errors
- Data-driven intelligence fuels continuous improvement



Engineering Data Warehouse



Current Challenges in Today's C & E Software Ecosystems

- Technologies that don't talk to each other
- No central hub
- Loss of data
- Inconsistent workflows and processes
- No standardisation
- Disconnect with the company culture
- Lack of trust

Benefits of Using a CDE for Construction and Engineering Projects



1. Enhances collaboration - Access Data Any Time, Anywhere By Anyone
2. Creates a single source of truth - Prevent Lost or Incomplete Data
3. Remove Fragmented Workflows - Lowers risk
4. Compile Data for Further Analysis – Reporting on data
5. Improve Project Quality and Efficiency

Misconceptions about Implementing a Common Data Environment

Misconception #1: Common Data Environments Are Too Complicated Resistance to adopting CDEs is often driven by the same factors that make technology adoption difficult in construction: inadequate expertise, resistance to change, and cultural barriers.

Misconception #2: Common Data Environments Weaken Data Integrity Allowing an entire project team to access and manipulate your most valuable data might initially seem unsettling. Many users assume that in the process of making data more portable, it's inevitable that some information will be lost or misconstrued.

Misconception #3: Common Data Environments Aren't Impactful Enough As the construction industry continues to experience disruption caused by the digitization of business, ongoing labor shortages, and emerging technologies, AEC firms need to remain competitive and valuable to clients. Connected Construction is widely recognized as the best way for construction companies to implement digital technologies. Using a CDE is an important first step toward becoming a data-driven firm.

THANK YOU