

Enterprise Architecture as a framework for Digital Transformation



marewatch

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Digital Transformation

"Business Transformation is the process of fundamentally **changing** the systems, processes, people and technology across a **whole business** or business unit, to achieve measurable improvements in efficiency, effectiveness and stakeholder satisfaction. As such, a business transformation project is likely to include any number of change management projects, each focused on an individual process, system, technology, team or department."[2]

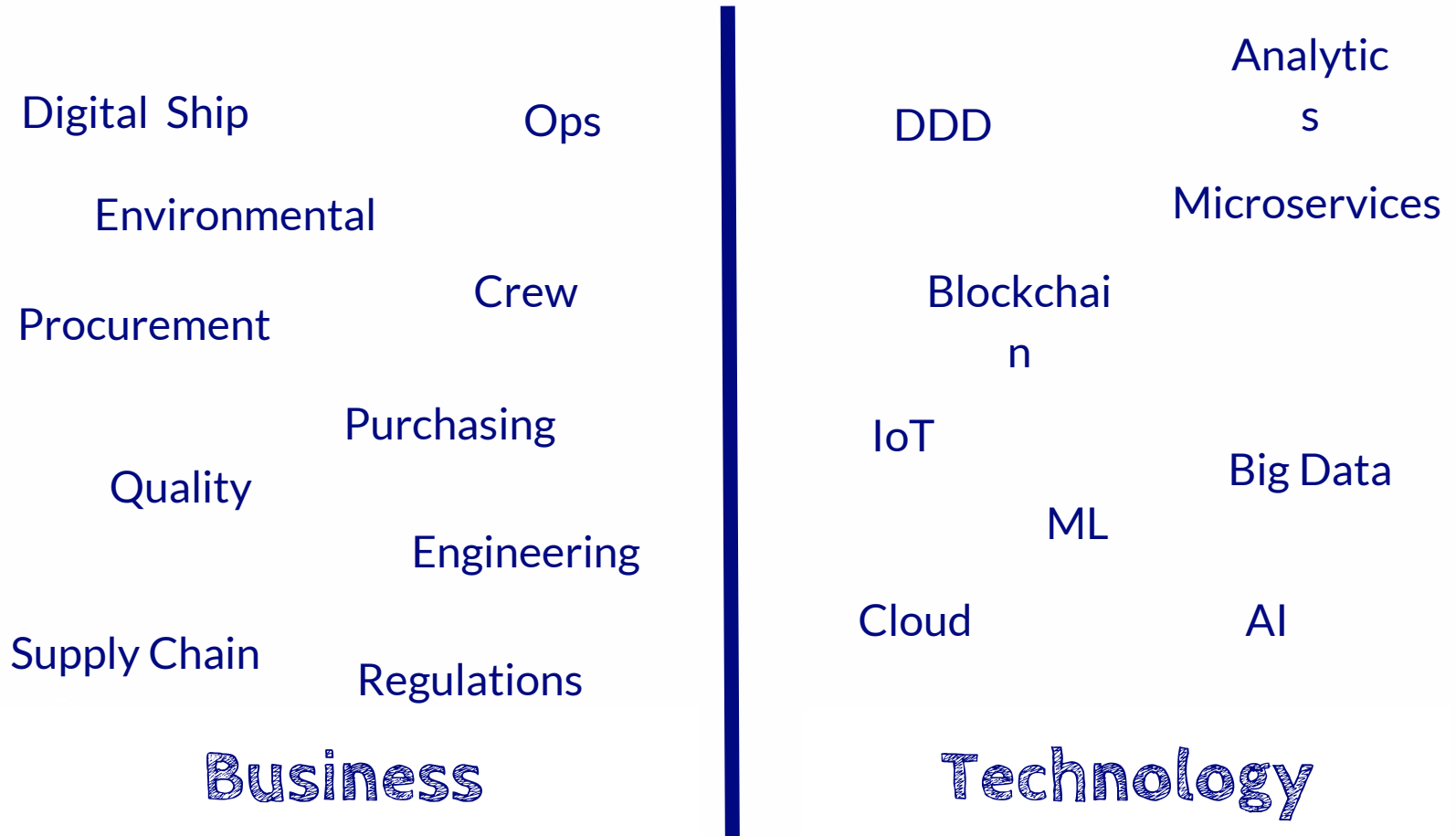
Wikipedia

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Current Landscape

Constantly Changing and Evolving





You Need Strategy



a structured approach to guide through this transformation journey

Enterprise Architecture

Introduced initial as concept in the last decade

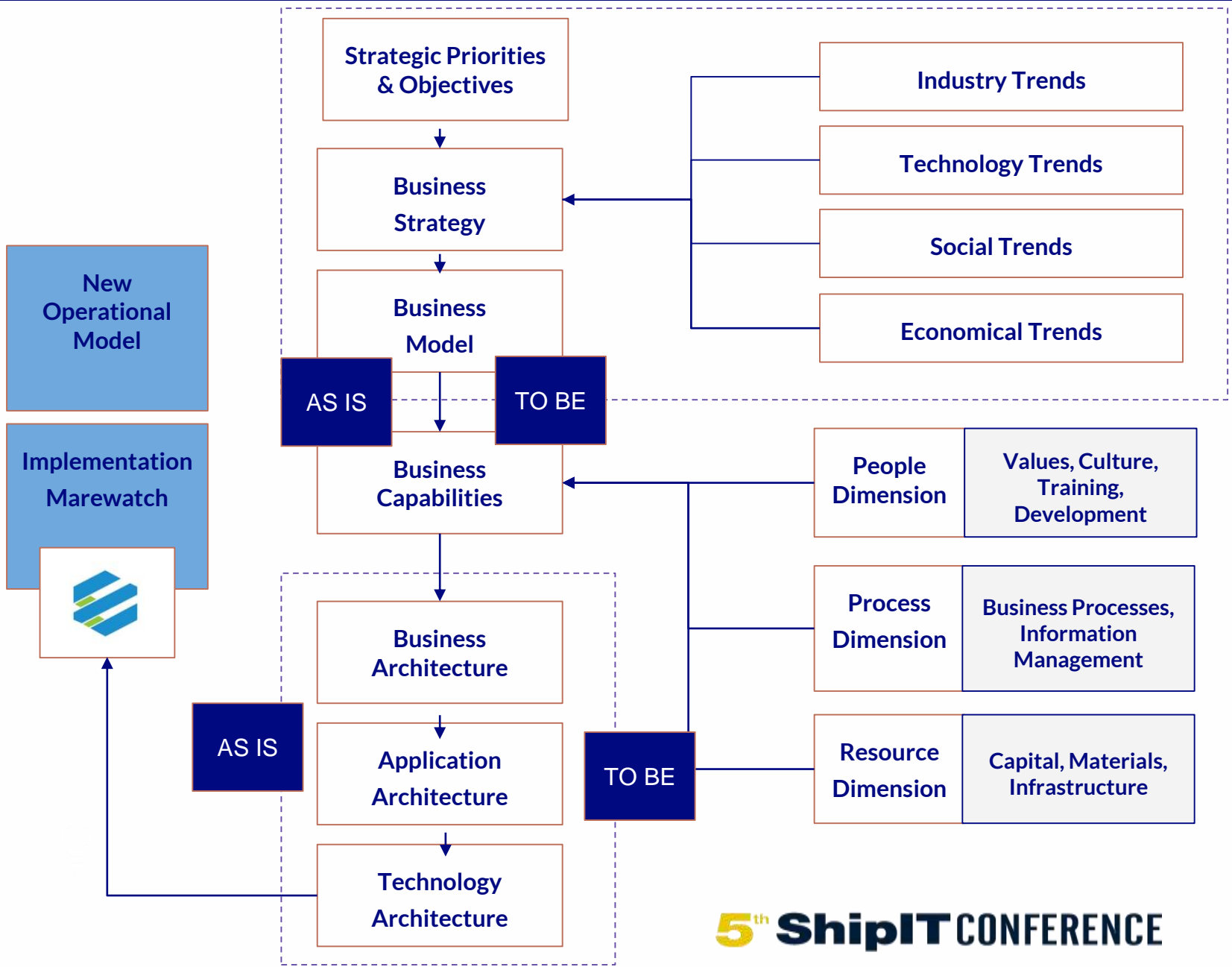




Benefits

- 1 More often Collaboration
- 2 Ability to Prioritise investment
- 3 Easier to evaluate existing architecture against long term goals
- 4 Establish processes to evaluate and procure technologies
- 5 Comprehensive View of IT Architecture to all Business Units

It helps to **reduce cost, time, and risk** involved in the development of enterprise infrastructure. Organizations can also realize quick benefits from implementation due to **improved flexibility** and freedom. This allows for **steady business growth and easy restructuring.**



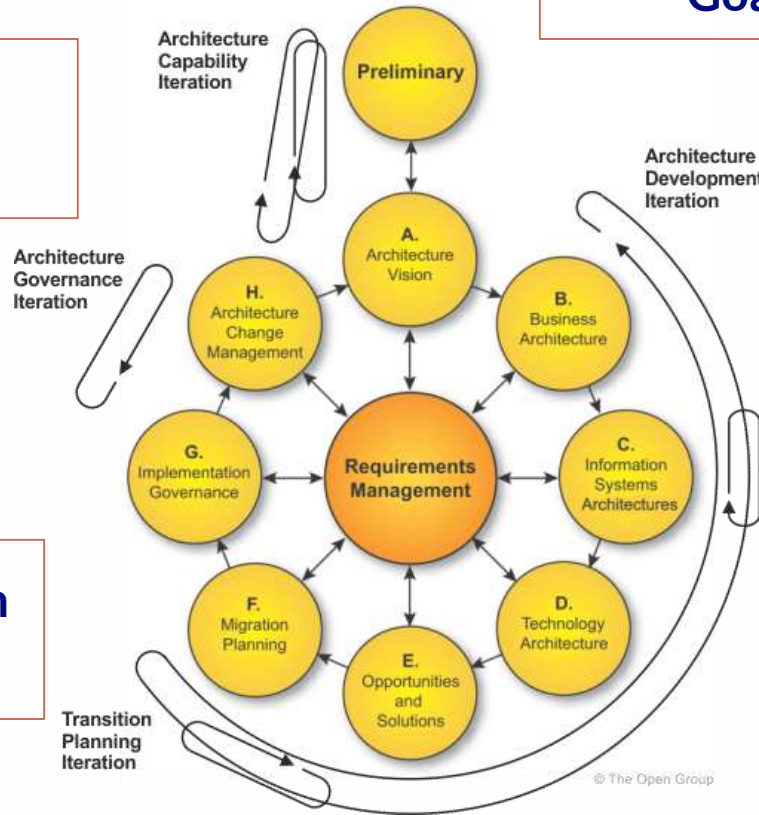


Setting the Scope and Strategic Goals

Governance Phase

Implementation Phase

Architecture Design Phase

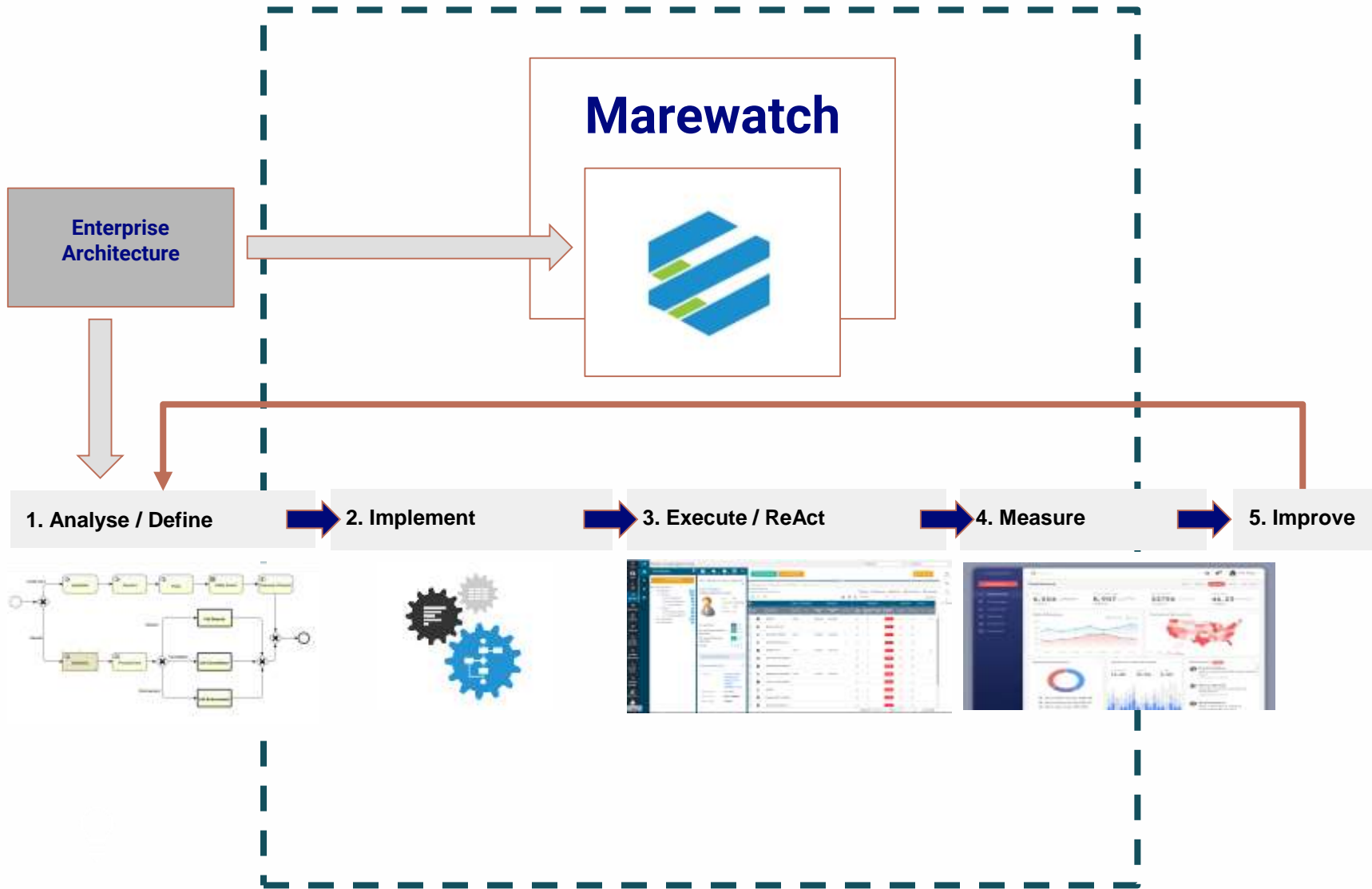


AGILE APPROACH

Marewatch



A path of
difference
towards Digital
Transformation





MANNING EDITION

PRINCIPAL EDITION

VESSEL EDITION

CREW MANAGEMENT	FINANCIAL & MGA	FINANCIAL	SMS
OPERATIONS	PAYROLL	PURCHASING	ALERTS
VETTING INSPECTIONS	REST HOURS	LOGBOOK	KPI

DIGITAL SERVICES LAYER & PATTERNS

ReActive Cloud
Platform

Application
Server Tech

Development
Framework

MicroServices
& SOA

Big Data

Marewatch



- **Low Code Platform**
- **Multi-Feature System**
- **MicroService**
- **ReActive**
- **Distributed**
- **SaaS**
- **End-To-End Digital Transformation Support**

Marewatch is a fully featured system targeting the Digital Transformation of Shipping Businesses.

Supports all major **Business patterns** that a Digital platform should in order to allow end-end digital transformation.

Cloud Platform ready for private clouds. Compatible also with major cloud vendors and providers (Amazon, Azure)

Enterprise level with inherent features like **clustering, parallelism, sharding, big data.**

Based on cutting-edge technologies and engineered to allow 3rd party development **allowing customer to enhance at will** without getting locked to a vendor.



A current business case

Marewatch

Manning Module





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Thank You!