

The next industrial revolution 4.0 and the digital supply chain

are you ready for it ?

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10-13 June 2018
Century City Conference Centre
Cape Town, South Africa

The Leading Event in Africa for Supply Chain Professionals



40th
annual
conference

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Jeremy Basckin – Waste Warrior



Unilever

Global S&OP Director



Senior Director Supply Chain EMEA



Vice President Supply Chain GB



Managing Director



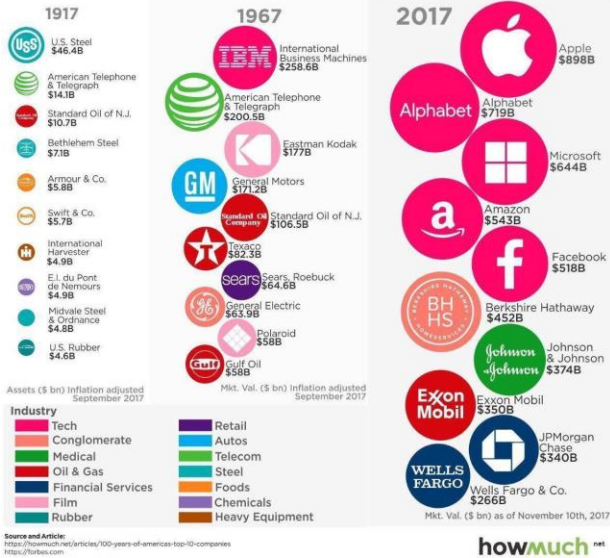
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Changing World

By 2030
70%
change

Companies

100 Years of America's Top 10 Companies



Communications

22%



98%



60 billion



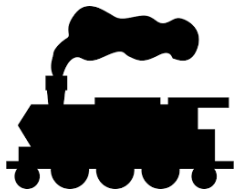
WhatsApp

Industry 4.0



1800

Mechanised
steam and
waterpower



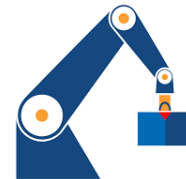
1900

Mass
production and
electricity



2000

Digital networks,
robotics and
IT systems

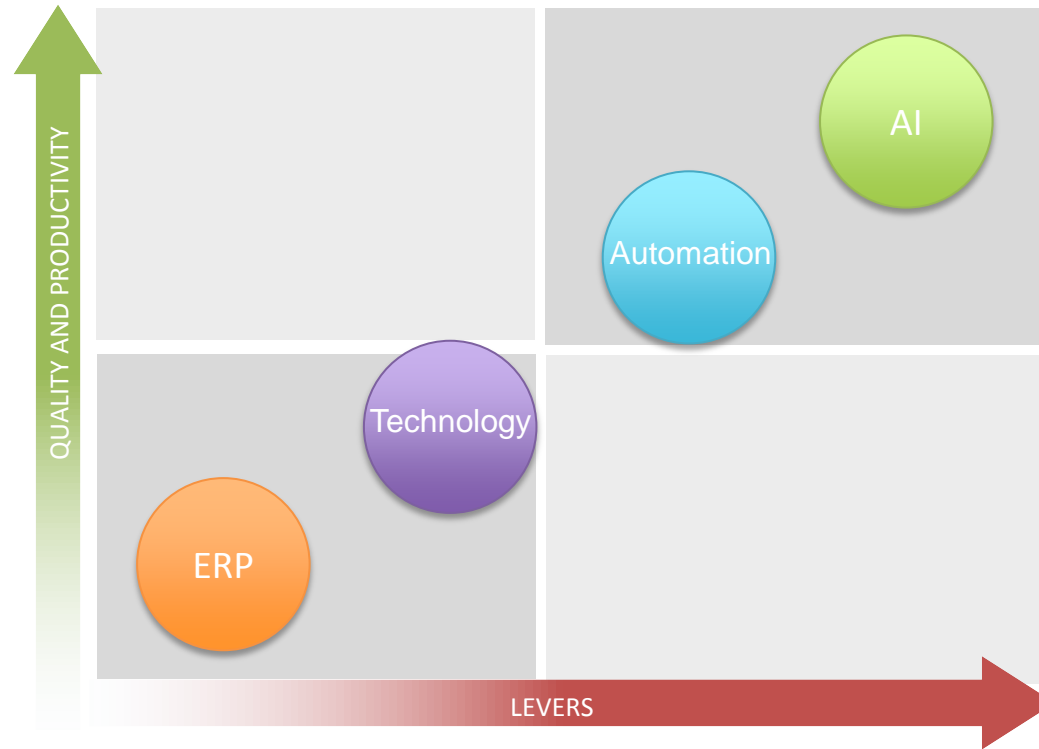


Today

Autonomous
machines and
cyber systems



Evolution - Systems



Building Maturity



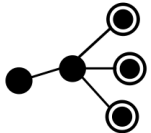
Visible – KPI's, data, exceptions = *what happened*



Integrate – strategy alignment, policies, processes + S&OP, goals / KPI's = *why did it happen*



Predict – sensing, analytics, collaboration, key drivers = *what will happen*



Shape – scenarios, orchestrating = *how can I make it happen*

What's Important – Top 10

1. Integration Supply Chain Strategy with Business Strategy
2. Applying S&OP throughout the business
3. Supply Chain Segmentation – Agility vs. Efficiency
4. Supply Chain Performance Management and KPIs
5. Supplier Management
6. Digitalization of cooperation with channel partners
7. Digitalization of cooperation with suppliers
8. Maintaining the talent pool in the supply chain organization
9. Customer facing supply chain
10. “Big Data” using real-time data for increasing demand

Source: IMD 2016 Global Supply Chain Survey

Digital Impact – “still struggling to implement”

Lights Out Operation

Production Optimiser

Available to Promise

Control Towers

Safety Stock Modeling

Big Data & Analytics

No Touch Forecasting

Demand Sensing

Digital Impact – emerging

Using the Cloud for Collaboration

Autonomous Vehicles

Allocations & Deployment

Blockchain

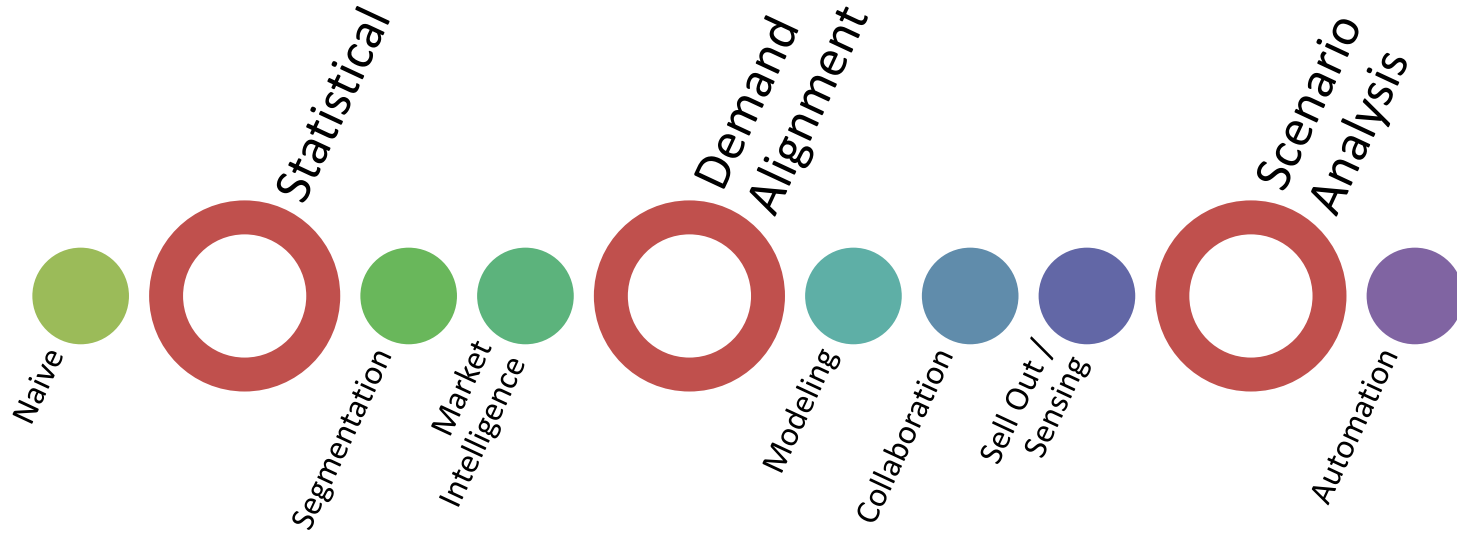
Omni Channel

Sensors & Geolocation
(27bn to 125bn connected devices)

Automation Technology

Artificial Intelligence

Demand Planning Evolution



Leadership Impact



Required Skills

- Functionally strong & focused
- Functional cost driven
- Eliminates complexity
- Strives for functional excellence
- Drives supply chain improvements
- Internally focused



New & Future Skills

- Business facilitators
- Growth & revenue driven
- Accepts complexity & eliminates complication
- Strives for business excellence
- Drives business improvements
- Outside in view

Source: Michigan State University

Adoption

technologies could automate 45% of people activities

By Function

- IT & Service Desk- 10%
- Front Office – 40%
- Finance – 30%
- HR – 10%
- Supply Chain– 10%

***NEXT major drive will be
Supply Chain & HR***

By Application

- **IT OPS:** Back Up, Provisioning, Cloud mgmt, License Check, IT On-Boarding etc...
- **Finance:** payables, receivables, cash mgmt, R2R, F asset, FP&A etc..
- **HR:** on-boarding, payroll, master data etc..
- **Supply chain:** order management, S&OP, procurement, etc

Source: McKinsey & Redwood

Tools Maturity



Visible – Reporting and Performance Management



Integrate – Decision Enablement



Predict – Predictive Analytics



Shape – Scenarios & Syndicate Data

5 Key Considerations



1. How to improve and create robust Processes?
2. How to establish new Leadership Mindset
3. How to identify the Business Drivers and right solutions?
4. How to build the Business Case?
5. How to overcome Organizational Inertia, scalability and resistance to change?

Thank You & Any Questions?

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