

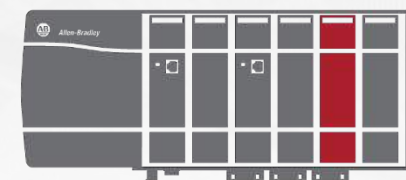
Department of Commerce Slides

THE CONNECTED ENTERPRISE

INDUSTRIAL OPERATIONS EXPERTISE



INTEGRATED CONTROL & INFORMATION



**Rockwell
Automation**



387,000
SKUs



20
PLANTS

UP TO
200 SKUs
AVG ORDER

20 YEARS
AVG PRODUCT LIFE

PRODUCT TYPES

- *Stock + Configure to Order*
- *Engineered to Order*

THE LACK OF CONNECTION

Between ERP & The Floor



ISSUES CAUSED BY LACK OF CONNECTIVITY



DATA

- No Data
- Inconsistent/Bad Data
- Irrelevant Data



RESULTS

- Slow Decisions
- Inconsistent Analysis
- Wrong Conclusions
- Not Tied to Key Business KPIs

THE LACK OF CONNECTIONS
IT/OT Convergence

Business Systems – Transactional

ERP - MRP FINANCIALS HR LOGISTICS QUALITY CRM ...

IT

CONVERGENCE

Operations - Real-time

OT

SENSORS, ACTUATORS CONTROLLERS MATERIALS & TRANSPORT MACHINES & EQUIPMENT ...

OPERATIONS EXECUTIVE SPONSORSHIP



PROCESS MAP

ASK THE RIGHT QUESTIONS

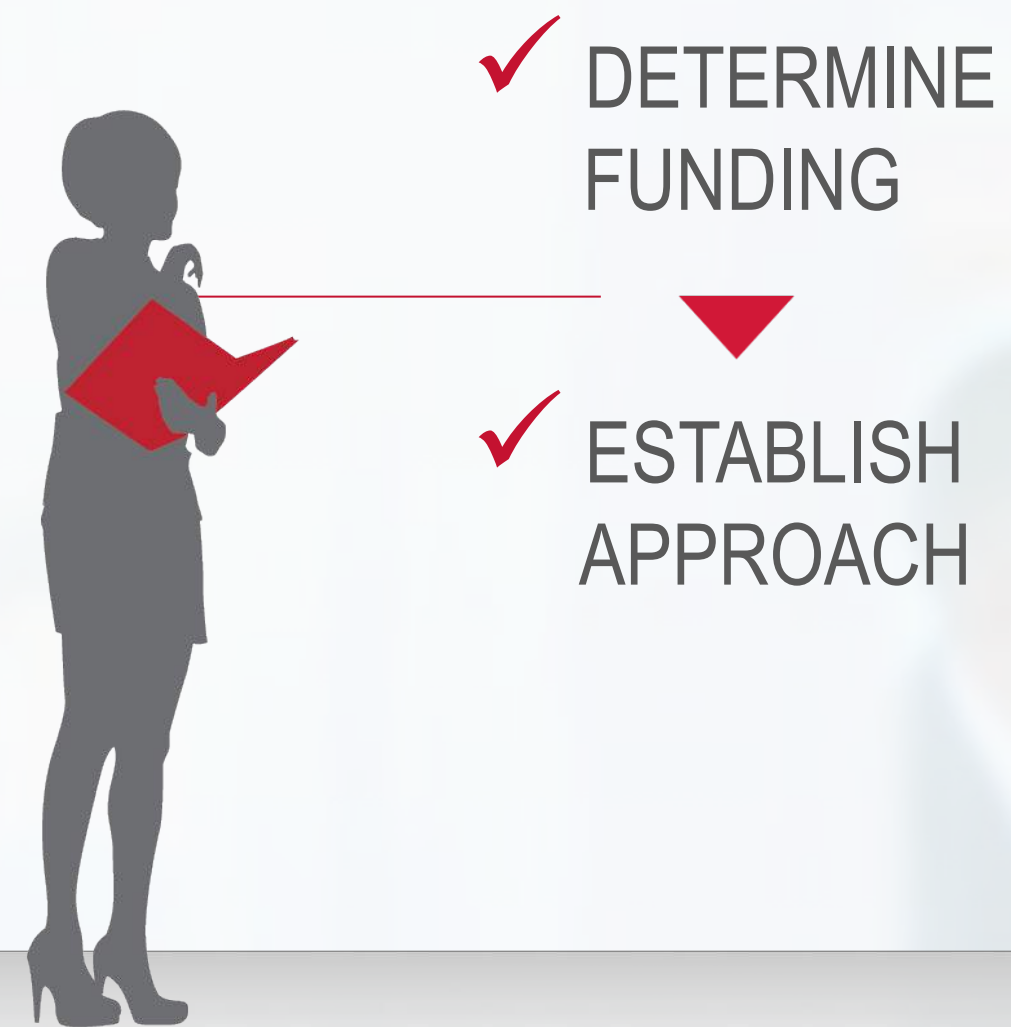
Determine Business Drivers & Strategy

Justify Various Phases

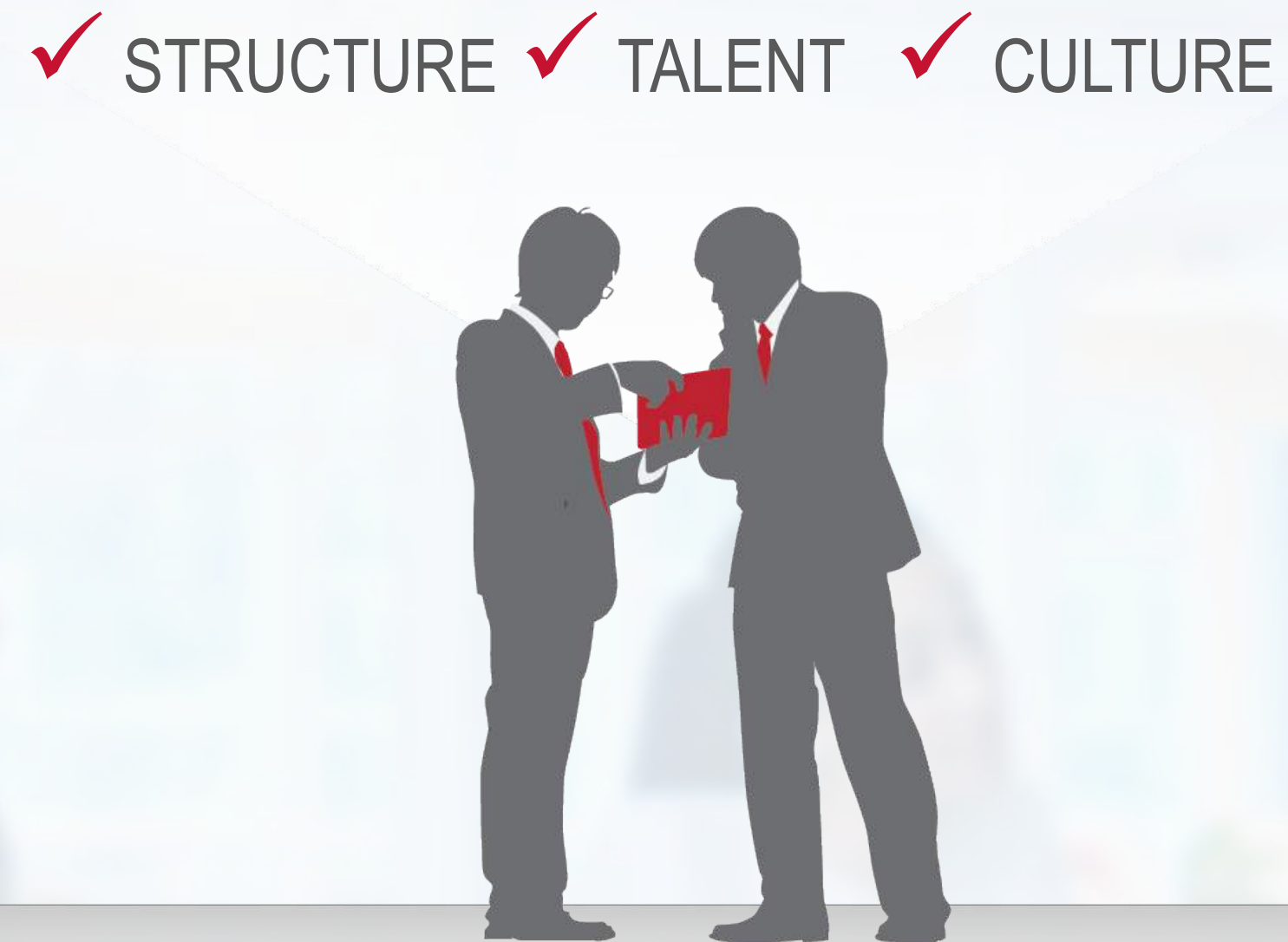
Assess ROI

DETERMINING READINESS

GAIN BUY IN



ORGANIZATION



MACHINE & NETWORK



THE CONNECTED ENTERPRISE
Rockwell Automation Transformation



Inventory
120 days to 82 days

Delivery
Mid-80s to 96%

Time to Want
82% to 98%

CapEx
30% per year in
capital avoidance

Lead Times
Reduced 50%

Quality
50% reduction in PPM



Productivity ▶ 4% to 5% per year



Rockwell Automation Journey Video