MTConnect Roadmap Strategy to Promote Advanced Manufacturing in the United States

NIST Project Number: 70NANB14H044

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NIST
National Institute of Standards and Technology
U.S. Department of Commerce

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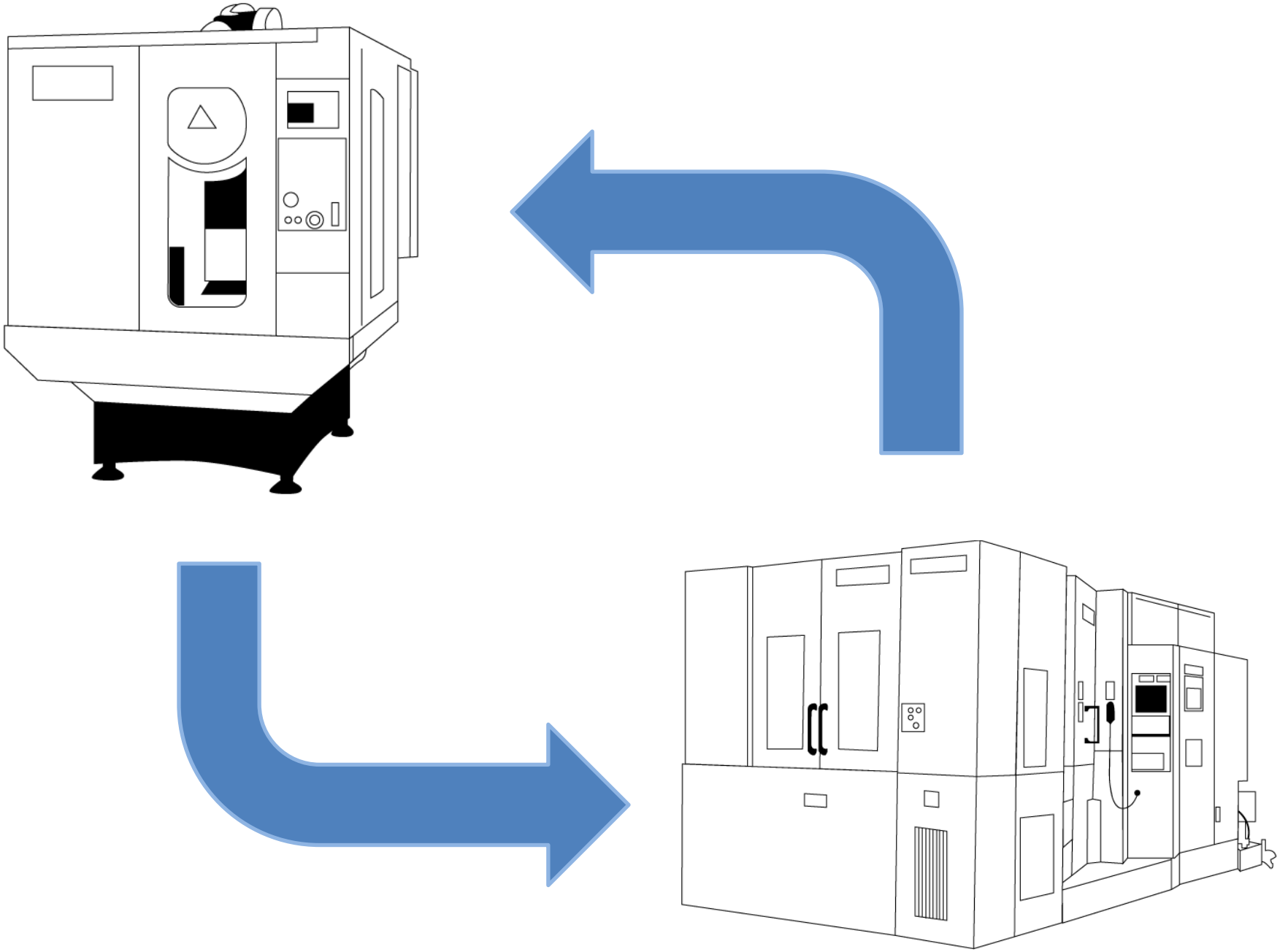
MTConnect

STANDARD

for
shop floor
interoperability



OEE
63
Availability
63
Machine Detail Screen
Machine
133:V100N-3
8/11/2014
Shift 1
8/11/2014 7:00:00 AM
8/11/2014 3:00:00 PM
Current Shift Time/Current Job
185.70 (Mins)
108.40 (Mins)
48
63.14
63.14
Shift Totals
In-Cycle Time, Seconds (Down Time Excluded)

Project

OBJECTIVES

Project

OBJECTIVES

-what

-how

-when

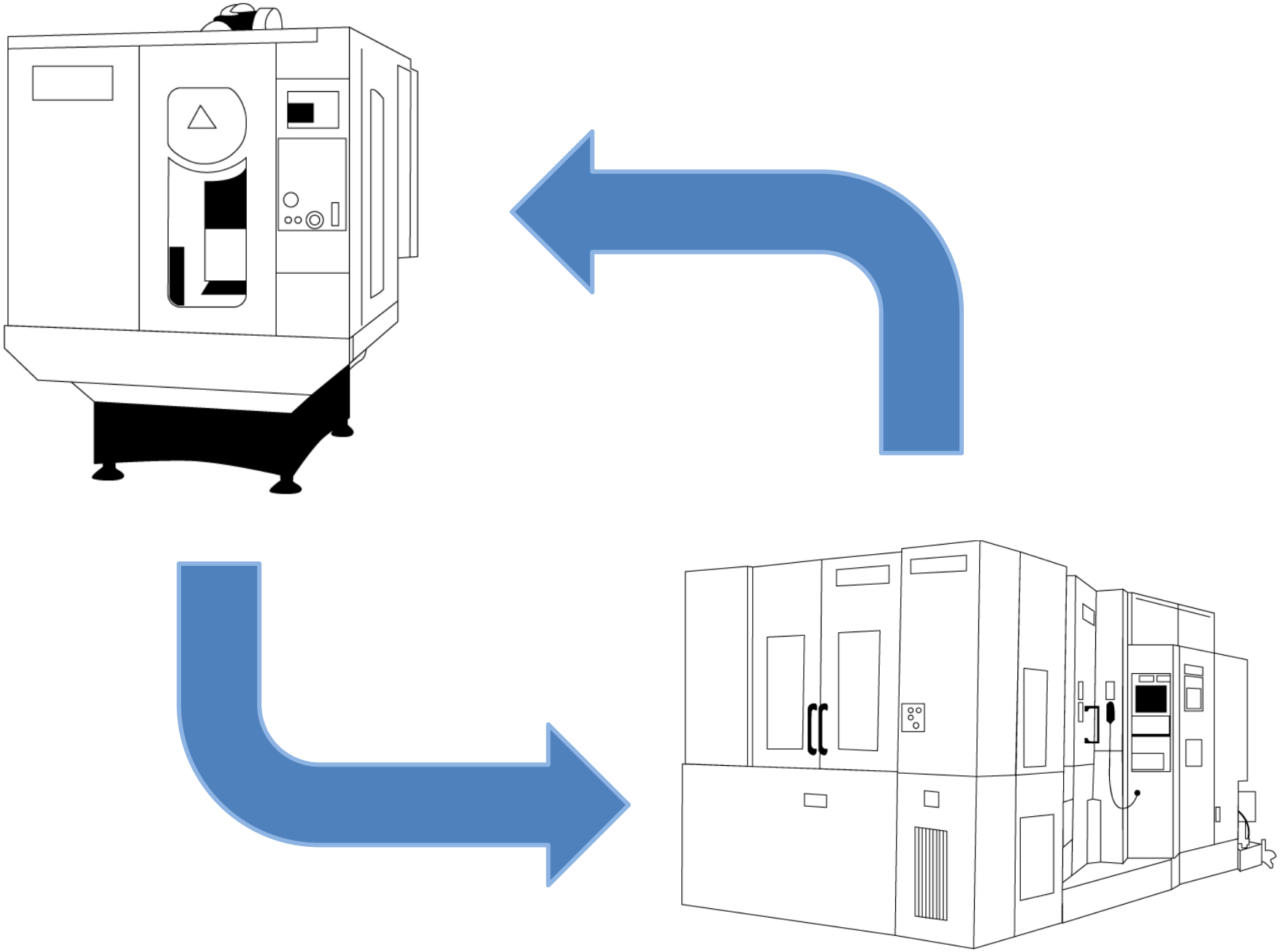
Project

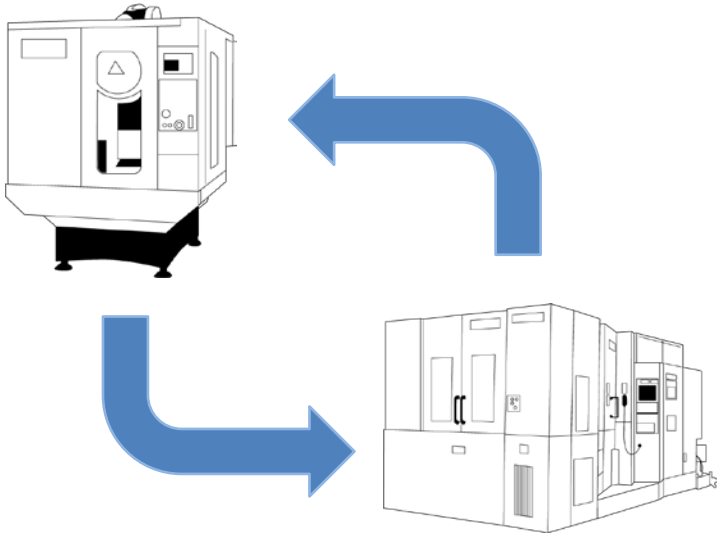
OBJECTIVES

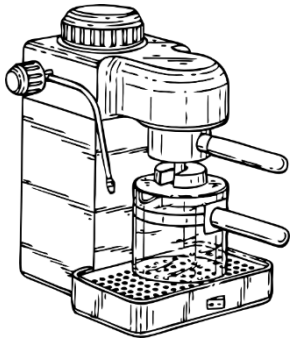
-what

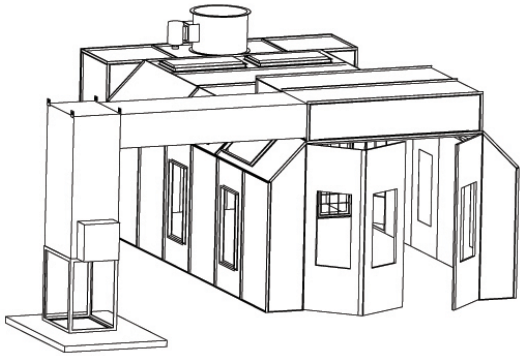
-how

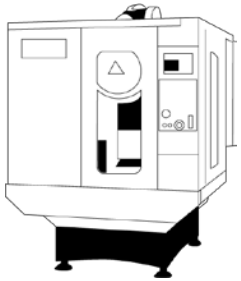
-when

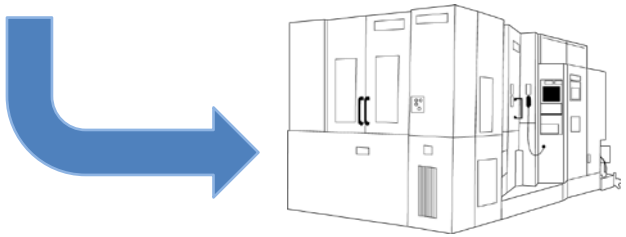


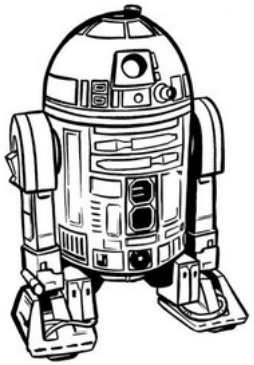


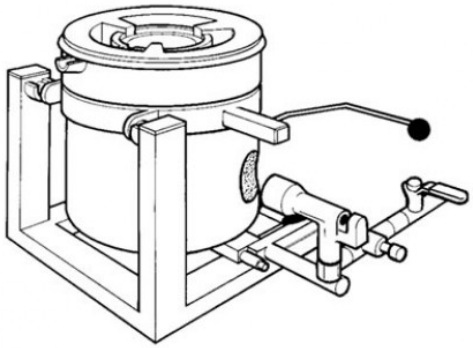


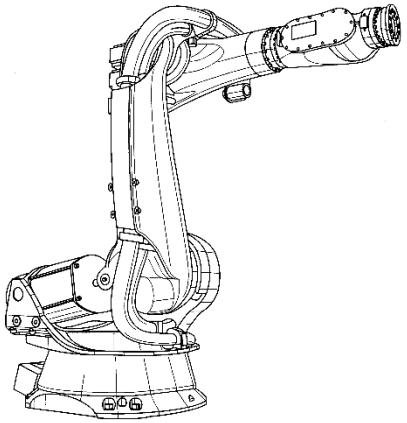












Project

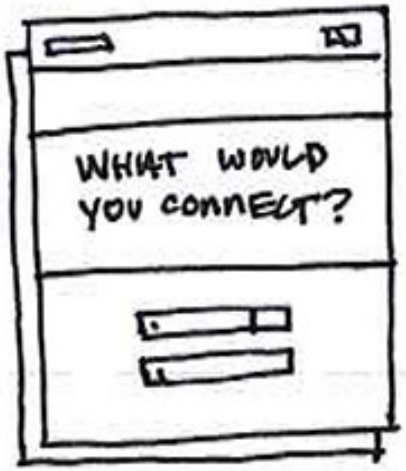
OBJECTIVES

-what

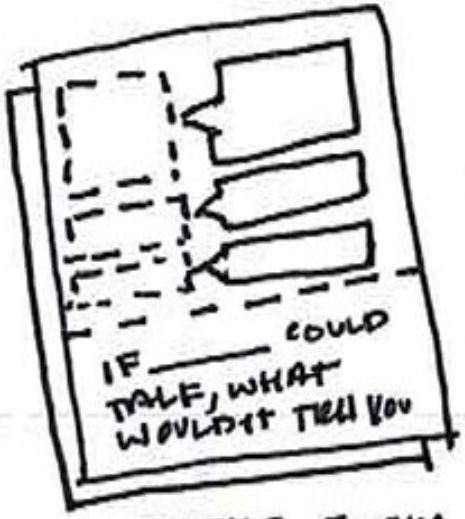
-how

-when

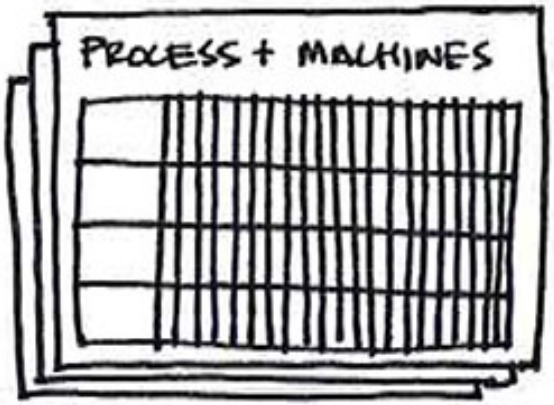
ROSE = POSITIVE
BUD = POTENTIA
THORN = PROBLEM
WINDSHIP
CAN'T ACTUALLY PREDICT THE FUTURE
SUSTAINABLE
PATINEZ?
DMDI
STRATEGIC RESOURCES
CHANGE
DON'T BOIL OCEAN
KISS
ROADMAP
ORGANIZATION
CERTIFICATION
INTEL INSIDE
BOUNDING THE OFFERING
SCOPE?
TRAINING
OFFERING
AUDIENCE
BRAND/MESSAGING
MOMENTUM + VISIBILITY
DOGN
ME VS. WE
UNDERSTAND WHO WE'RE TALKING TO
APP + STANDARD INSERVABLE
CULTURE IS CHANGING
IOT
GEEKS CONVINCED
NEED TO CONVINCE
BIZ
LEADERS + DECISIONS
IT
ROI
GET RID OF OLD MACHINES!
ACCELERATE REPLICATION
"UNEDUCATED" AUDIENCE
BIG SUCCESS STORIES
"INCREASED UTILIZATION BY 15%"
"BIGGEST ROI ON MY INVESTMENT EVER"
"I'M IN CONTROL"
"SEE NEW THINGS"
"DOES CAFFEINE AFFECT PRODUCTIVITY?"



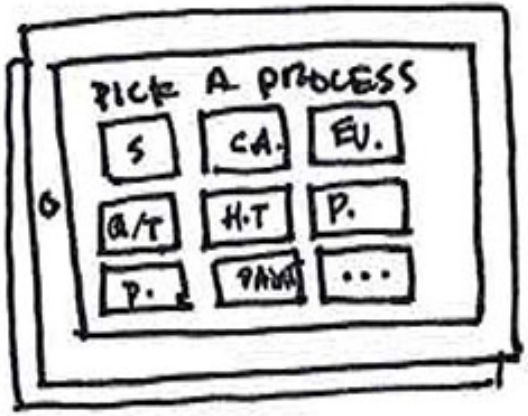
ONLINE



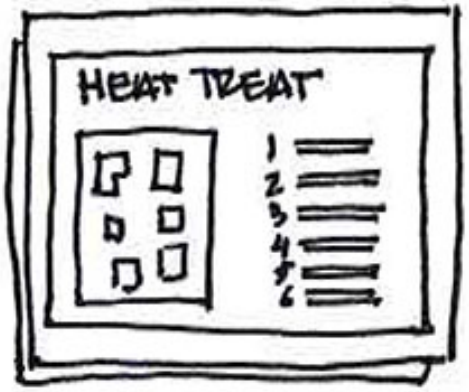
PAPER FORM



W/ PAPER PROMPTS



DIGITAL PROMPTS



W/ PAPER FORM

Project

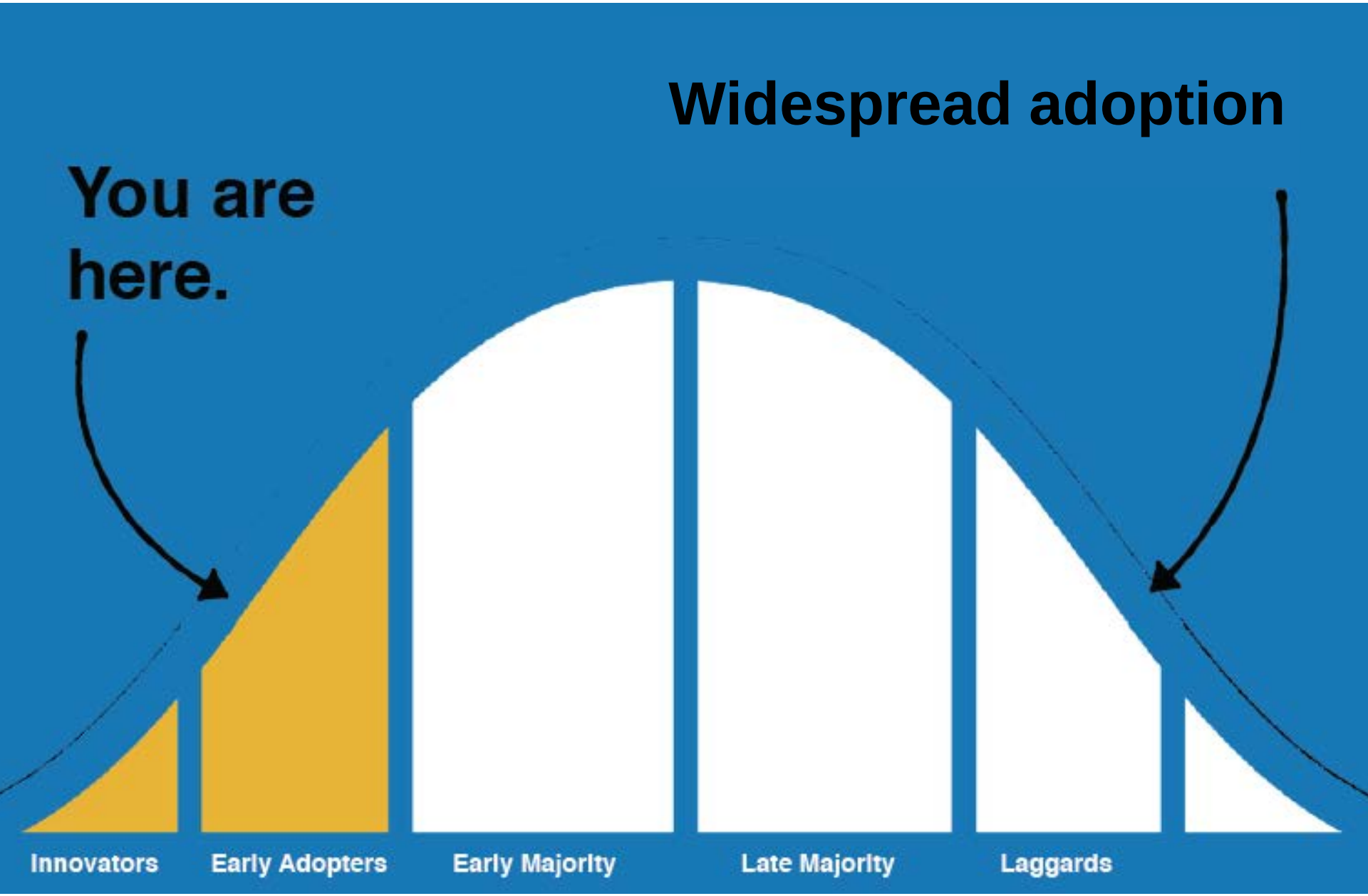
OBJECTIVES

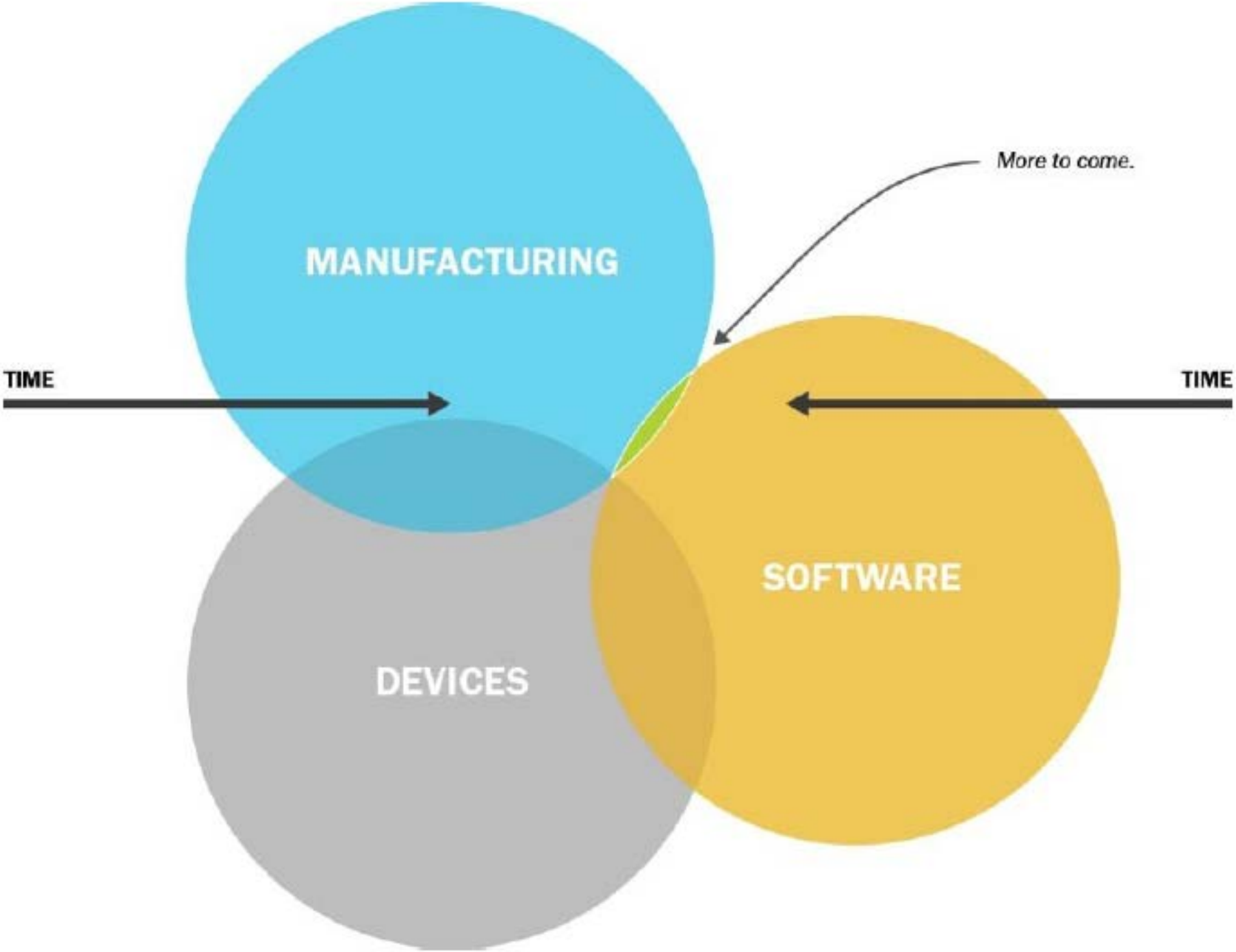
-what

-how

-when

Widespread adoption




More to come.
MANUFACTURING
TIME
TIME
SOFTWARE
DEVICES

What’s left?

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