# ACRO – Deep Dive

User Days, 7<sup>th</sup> September 2023



Let's power higher performance

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# Agenda



How to Build for Change





What makes it a Platform?







#### "It's all about speed. Speed is the new currency of business.

#### It is not the big that will eat the small, but the fast that will eat the slow."

Keith Krach, Founder DocuSign

# **Continuous Integration / Continuous Deployment**

#### **Continuous Integration**

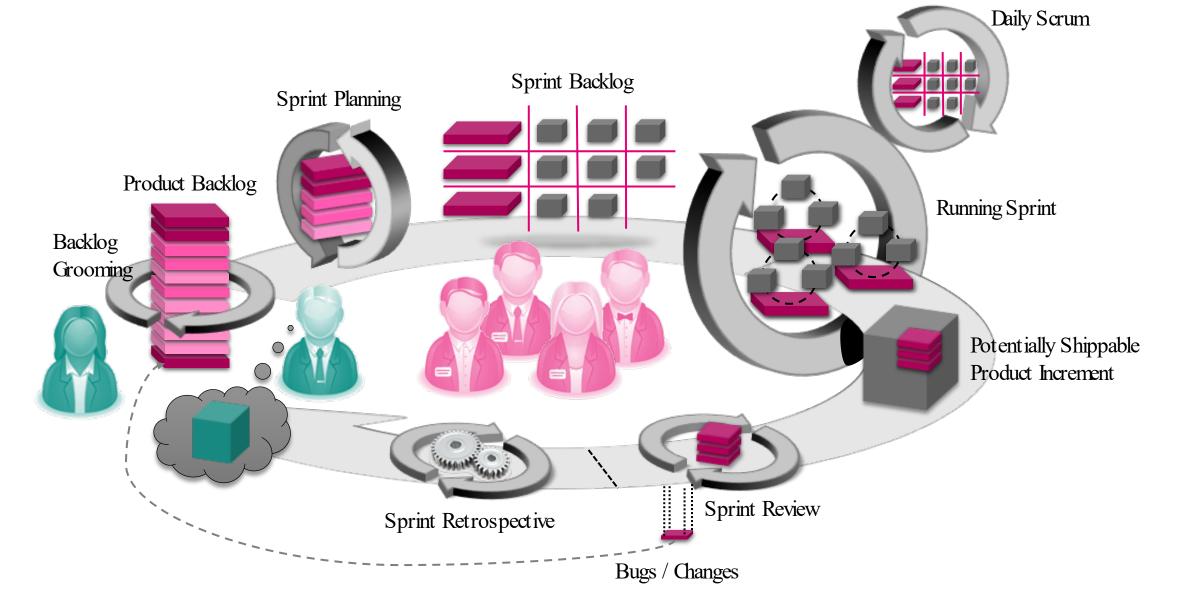
- Automated Build after Check-In
- Static Quality Check
- Detect Problems early, locate them easily

#### **Continuous Deployment**

- Automatically test software
- Release software to customers if they pass automated tests

### Reduce Time to User

### **3-Week Sprints**



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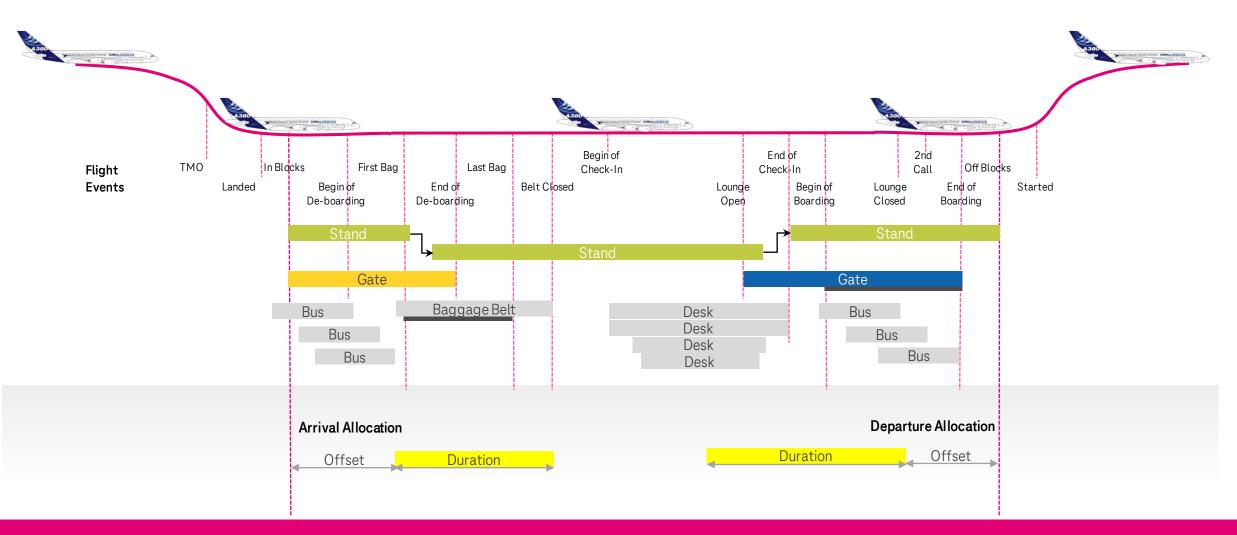
#### **Configuration – Process Definitions**

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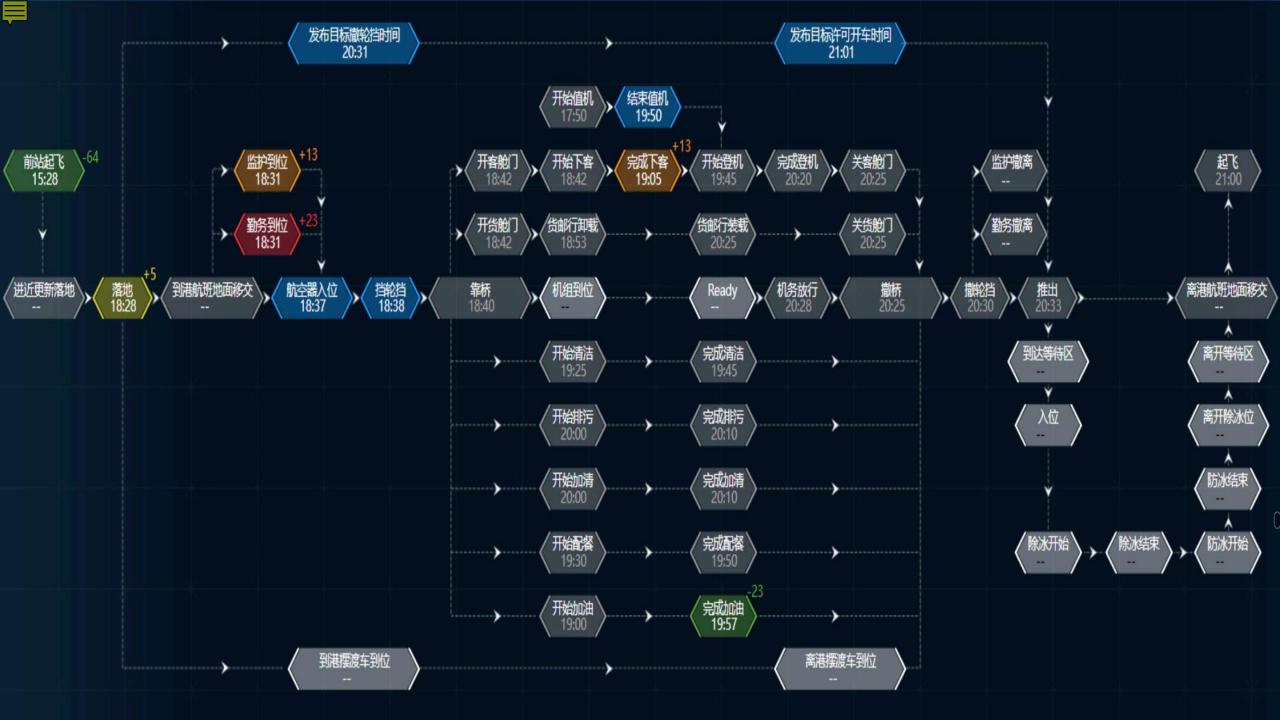
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#### **Allocation Processes – Bathtub**

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Process: "A series of tasks or events performed to achieve a particular result"



## **Process Events - Milestones**

- In a given process events record that something important has happened
- ACRO uses milestones to record these events
- Process contains a group of milestones
- Milestones have Timings
- Milestones can be linked
- Links can be static
- Links can be calculated
- Milestones and relationships defined in "Process Type"

e.g. IBT – In-Block Time e.g. SIBT, EIBT, PIBT, AIBT

- e.g. Check-In Closed 45 min before OBT
- e.g. Based on distance matrix

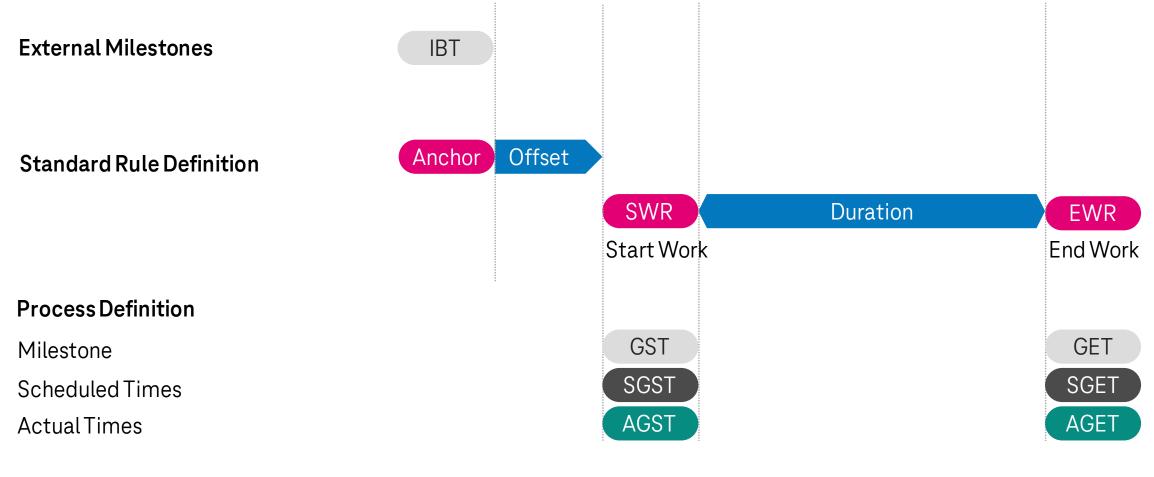
# **Process Tasks – Resources and Allocations**

- Where is the task?
  - Fixed resources, like stand, gate etc, are the location
- Mobile resources need to go to the locations:
  - location prior to action,
  - start location, and
  - end location

- Fixed Resources
  - Allocation Start
  - Allocation End

- Mobile Resources
  - Start Preparation
  - Start Work
  - End Work

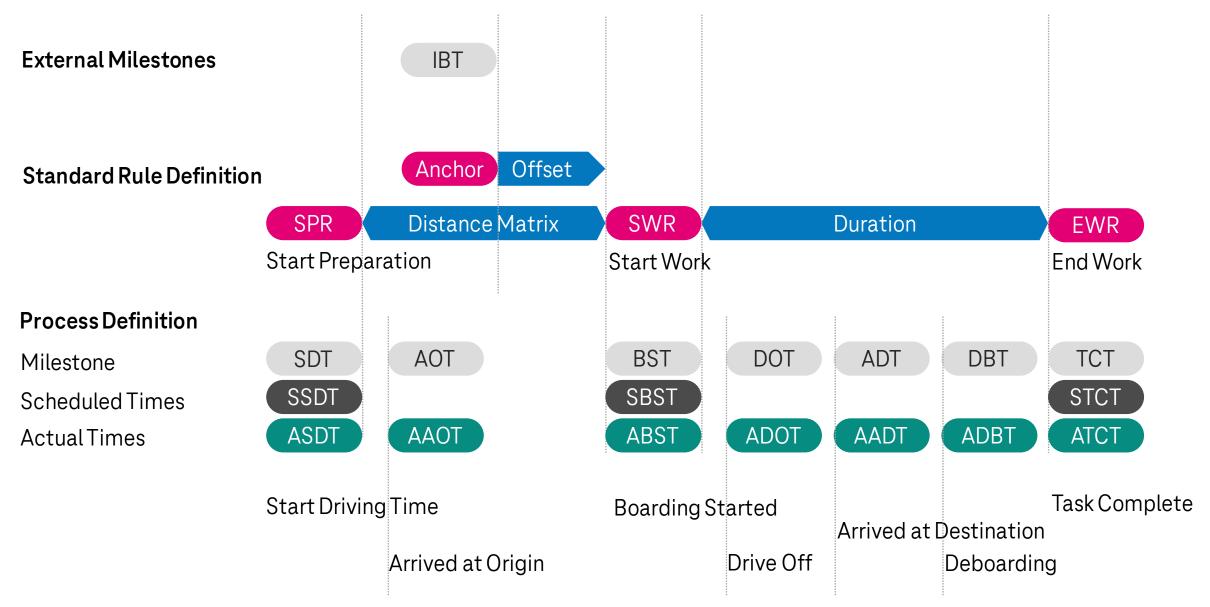
# **Process Type Example: Arrival Gate**



Gate Start



# **Process Type Example: Arrival Bus**



# ACRO – Management Summary

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## **ACRO Demo**

#### Demo

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### THE PACE OF CHANGE HAS NEVER BEEN THIS FAST, YET IT WILL NEVER BE THIS SLOW AGAIN.

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YOU ARE RIGHTLY ANXIOUS ABOUT HOW QUICKLY OUR EXISTING BUSINESS MODELS ARE BEING DISRUPTED. STILL, IF YOU'RE ANXIOUS, IMAGINE HOW THE FOLKS WHO AREN'T IN THIS ROOM ARE FEELING.

#### Thank you!

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**Departures**