ACRO – Deep Dive

User Days, 7th 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

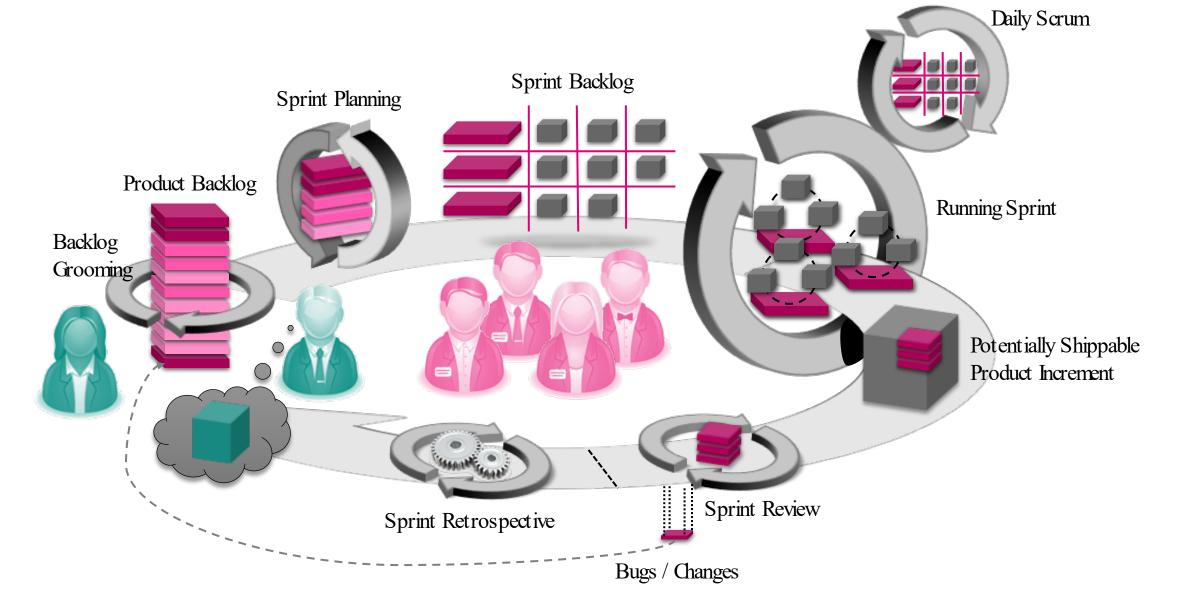
- Automated Build after Check-In
- Static Quality Check
- Detect Problems early, locate them easily

Continuous Deployment

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

Reduce Time to User

3-Week Sprints



ACRO – Deep Dive

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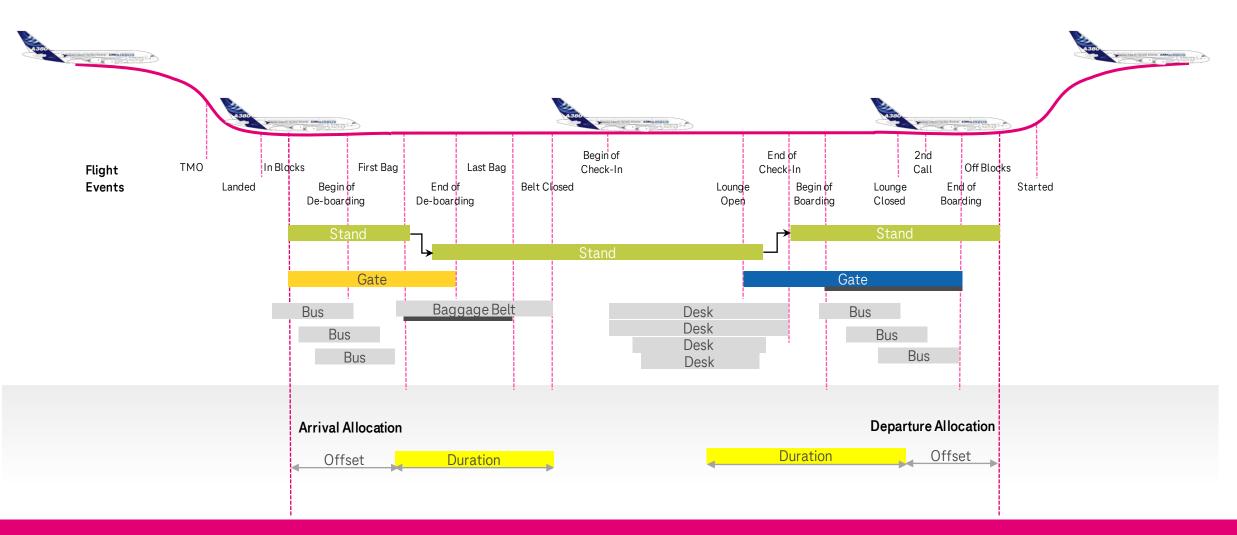
Configuration – Process Definitions

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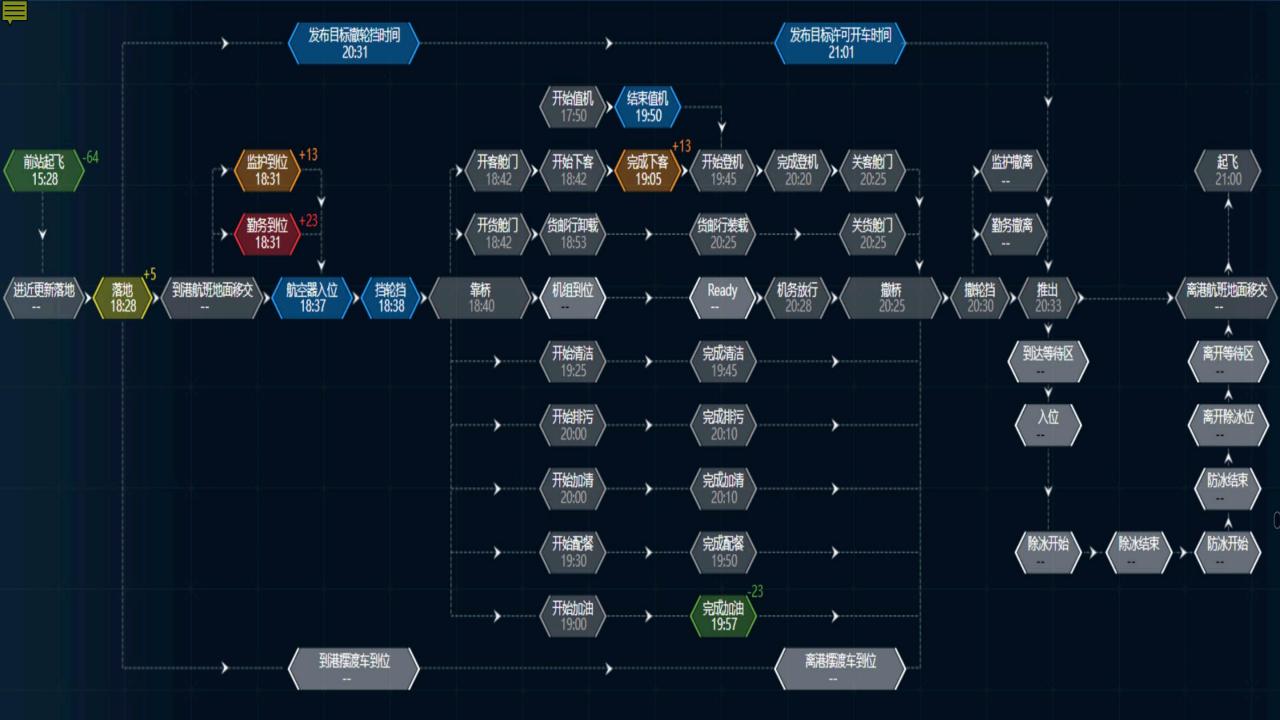
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Allocation Processes – Bathtub

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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

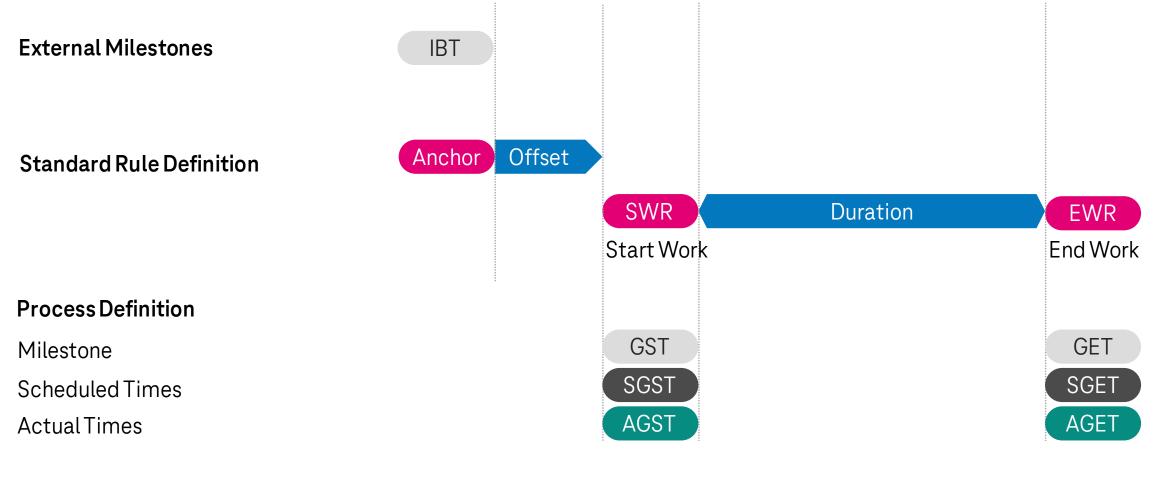
Process Tasks – Resources and Allocations

- 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

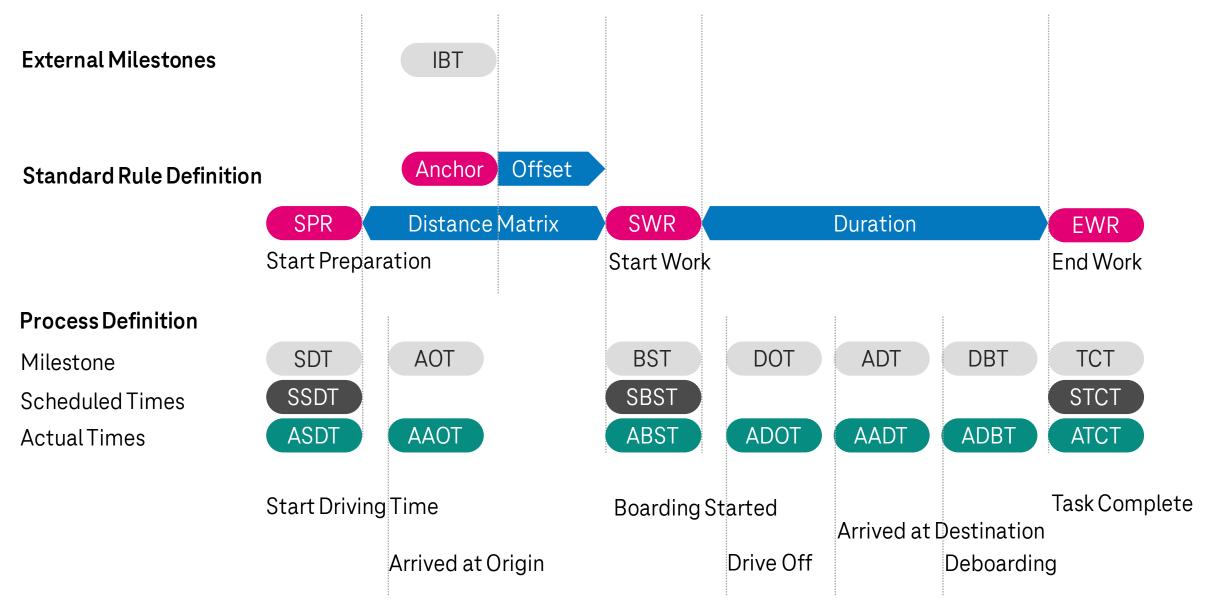
Process Type Example: Arrival Gate



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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