

ACRO – Deep Dive

User Days, 7th September 2023

T Systems Let's power
higher performance

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Agenda



01 How to Build for Change

02 Configurability

03 What makes it a Platform?

04 Demo



ACRO – Deep Dive

Change



T...Systems

Let's power
higher performance

A photograph of two cheetahs in a savanna landscape. One cheetah is in the foreground, walking towards the right, with its mouth slightly open. Another cheetah is in the background, also walking towards the right. The background is a blurred savanna with tall grass and trees.

“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

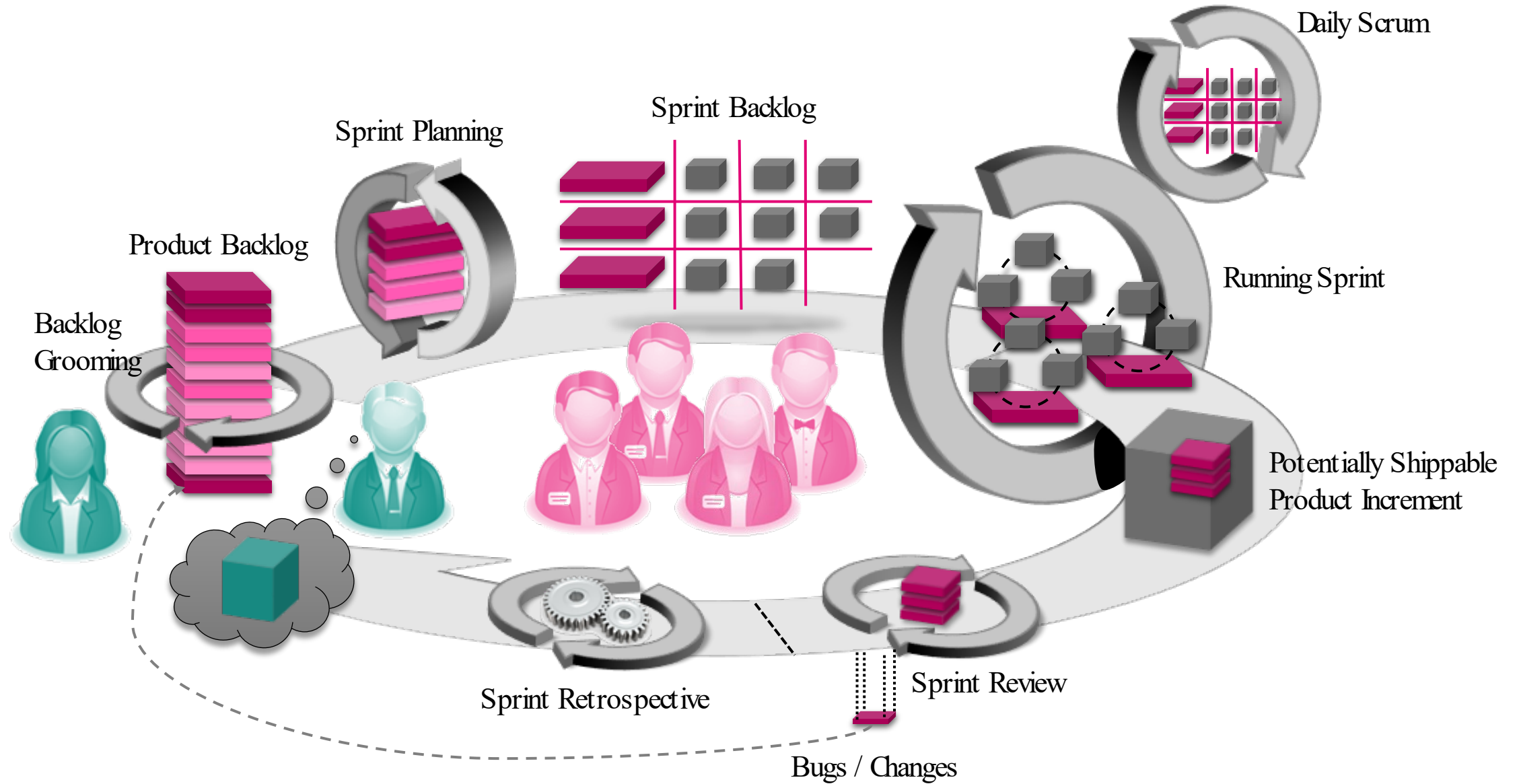
- Automated Build after Check-In
- Static Quality Check
- Detect Problems early, locate them easily

Continuous Deployment

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

Reduce Time to User

3-Week Sprints

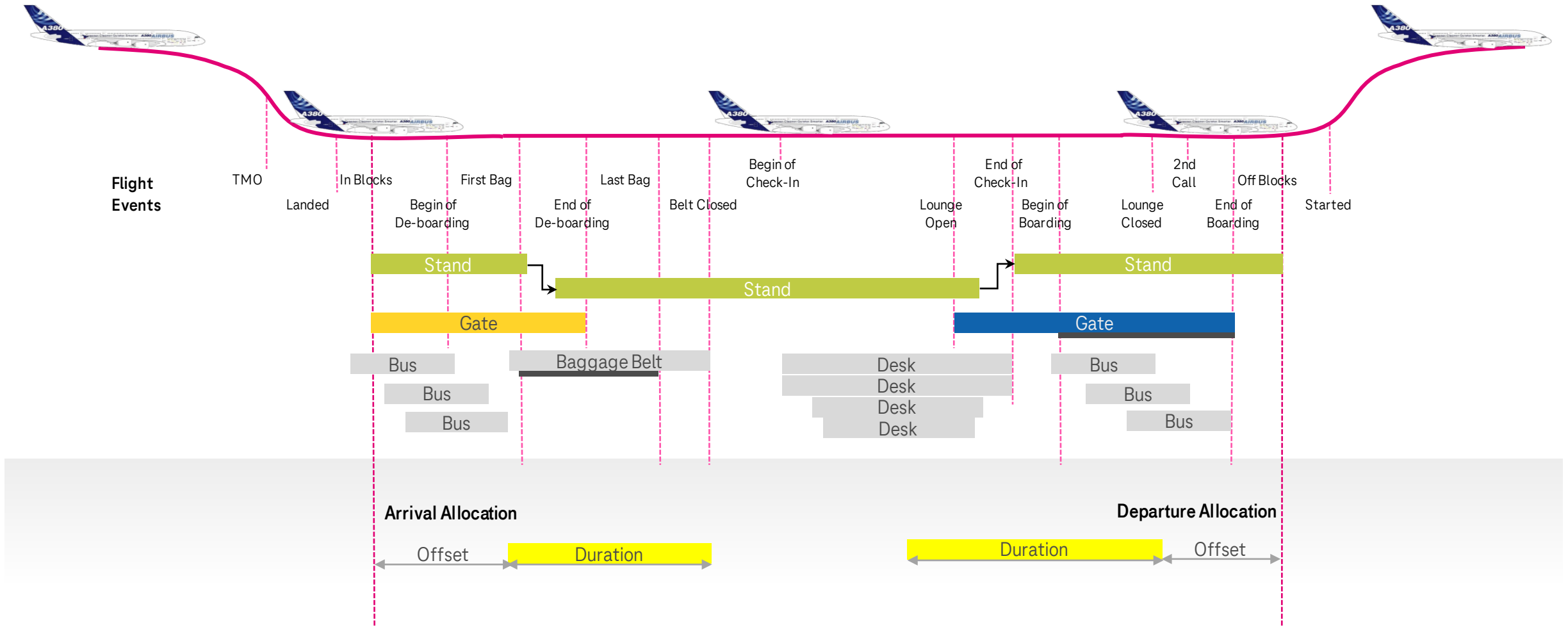




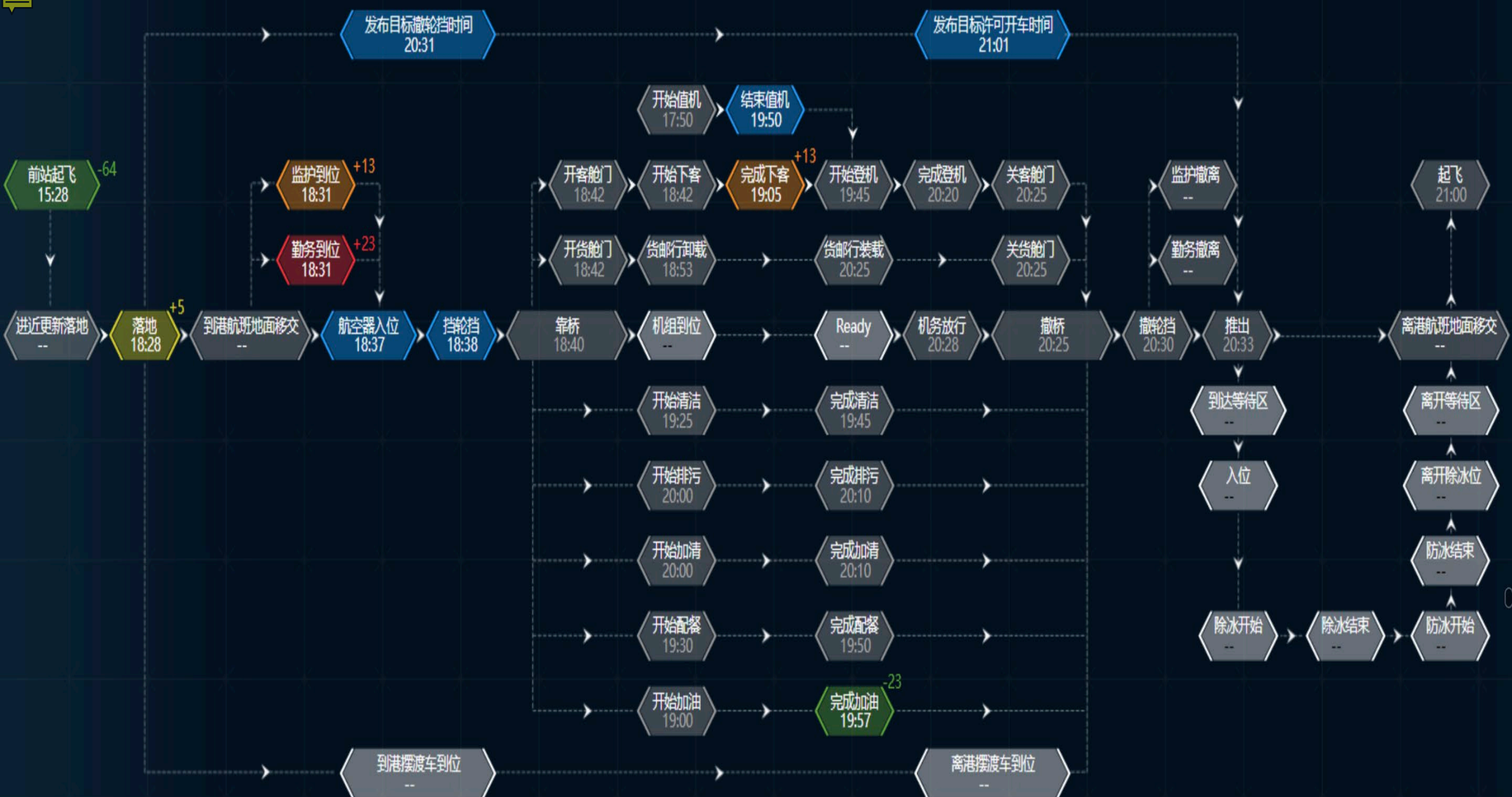
ACRO – Deep Dive

Configuration – Process Definitions

Allocation Processes – Bathtub



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 e.g. IBT – In-Block Time
 - Milestones have Timings e.g. SIBT, EIBT, PIBT, AIBT
 - Milestones can be linked
 - Links can be static e.g. Check-In Closed 45 min before OBT
 - Links can be calculated e.g. Based on distance matrix
 - Milestones and relationships defined in “Process Type”

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

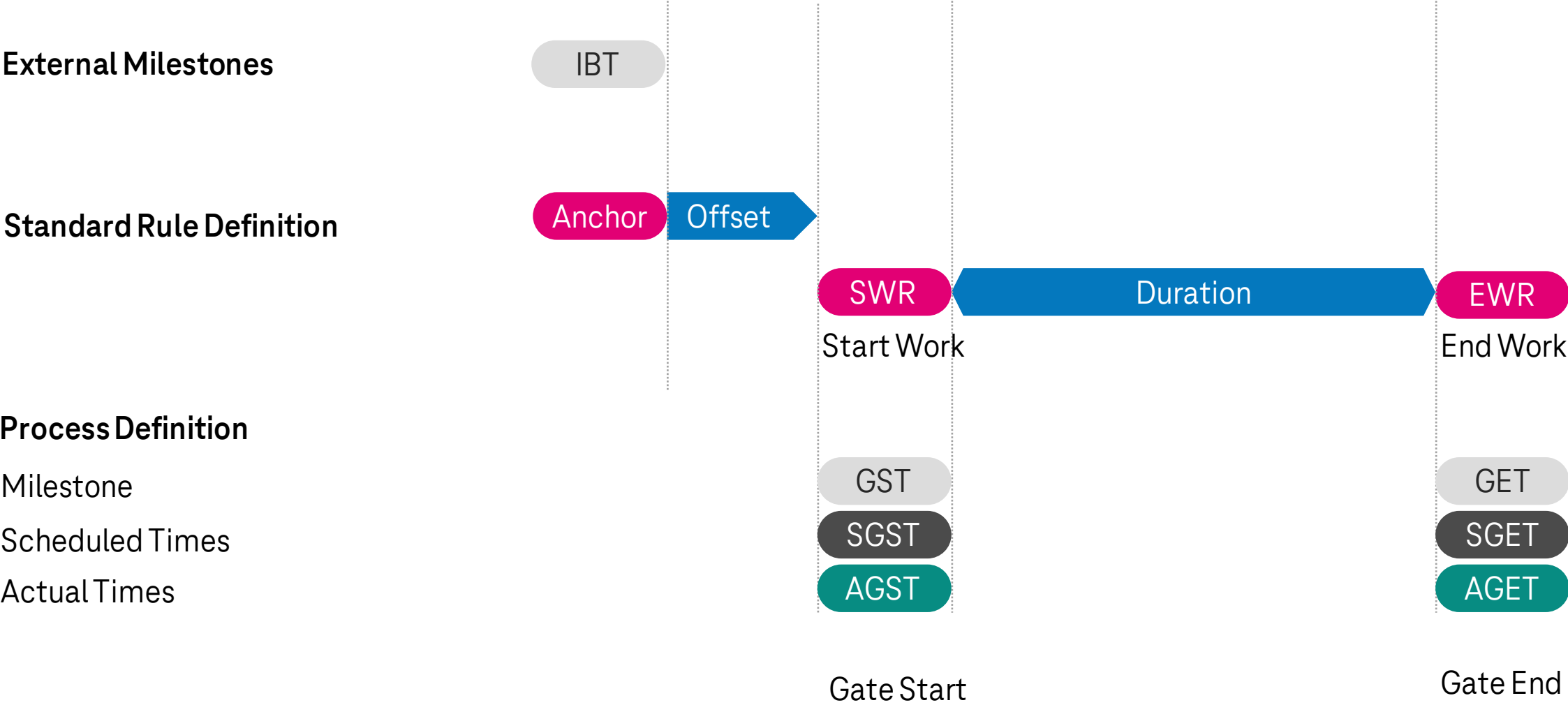
- **Fixed Resources**

- Allocation Start
- Allocation End

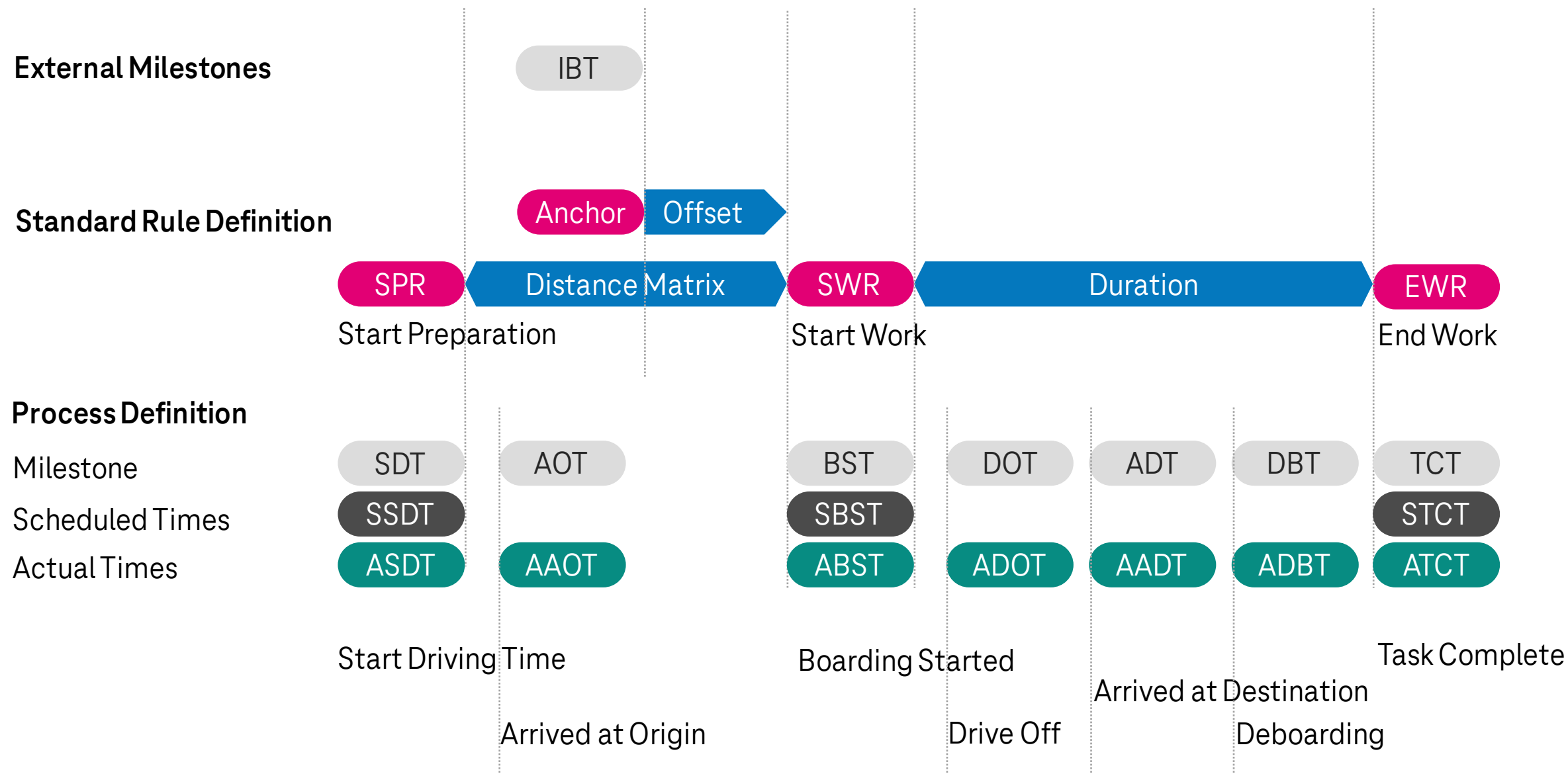
- **Mobile Resources**

- Start Preparation
- Start Work
- End Work

Process Type Example: Arrival Gate



Process Type Example: Arrival Bus





ACRO – Management Summary

ACRO Demo

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

JUSTIN TRUDEAU / DAVOS 2018



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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