



SAAB

Security, Safety & Communication

Empowering your Mission Critical Operations



Date: 2013-02-21

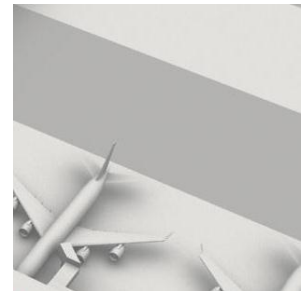
Name: Tommy Eklund

AGENDA

- What is SAFE?
- How does it work?
- How is it done?
- How is it delivered?



WHAT IS SAFE



BACKGROUND

- ▶ Based on decades of research and development of both civil and military products and systems
- ▶ Combines efficient workflow supervision with security and safety management
- ▶ Designed to offer scalable and customizable solutions built with the latest technology
- ▶ Developed by Saab

THE BASICS

- ▶ A platform for building fully integrated security solutions
- ▶ Suitable for all types of Mission Critical Operations
 - Airports
 - Prisons
 - Emergency care
 - Police
 - Oil & Gas
- ▶ Takes care of daily operations as well as critical incident management

ADAPTABLE MODULARITY

- ▶ **SAFE** is a Management System and a platform for building scalable security solutions. A collection of applications – base and optional – offer a modular capability. Rules
- ▶ A **SAFE** based solution is adaptable to changed operational requirements over time with add on functionality.
- ▶ The **SAFE** sales offer includes everything needed – now and in the future – to maintain a modern security and safety system from technology to workflows and services.

THE SAFE PLATFORM



BASE

WORKFLOW MANAGEMENT

Issue Management

Roles and Responsibility Areas

Interview Support

Action Plans

Rule Engine

INFRASTRUCTURE

Scalability

System Reports

Logging

Authorization

OPERATOR CLIENT

Role Based Layout

Administration

Behaviour Engine

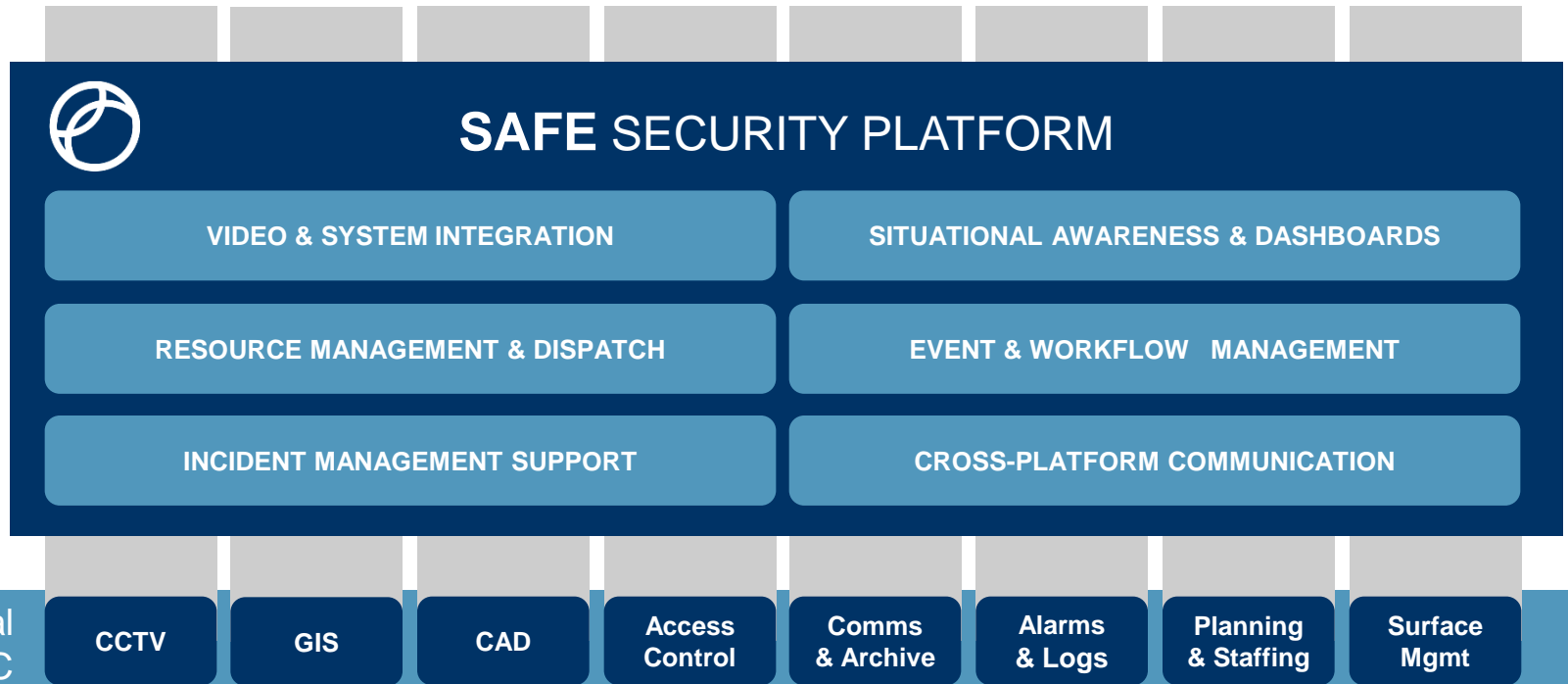
User Interface

OPTIONS

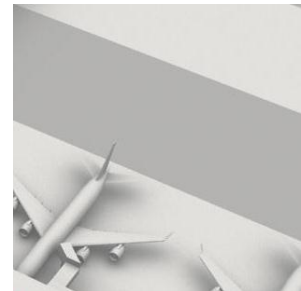
VIDEO Video Management Video SDK	MOBILE SAFE Mobile SAFE Field Clients Mobile Platform	COMMON OPERATIONAL PICTURE Mapping GIS Geofence GIS 3D GIS Coverage	RESOURCE MANAGEMENT Manual Dispatch Automatic Dispatch Alarm and Positioning Service	ALARM Sensor Management Personal Alarm Unit
SENSORS Sensor Management Elevators	COMMUNICATION Personal Telephony Communication SDK Contact Center Radio	BUSINESS INTELLIGENCE Dashboards Reports Real-time BI	INTEGRATION Gateway SDK Lookup SDK REST API Pre-integrated Gateways	ACCESS SAFE Access

SAAB'S SOLUTION WITH INTEGRATED SYSTEMS

- One common flexible user interface
- Reuses and integrates existing sensors
- Easy to add or replace underlying systems

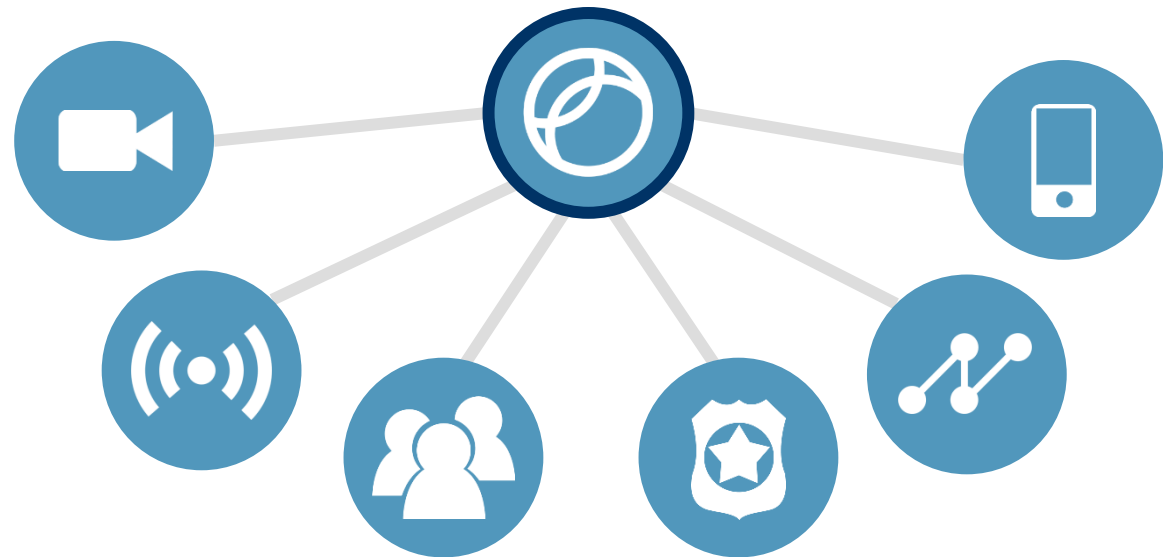
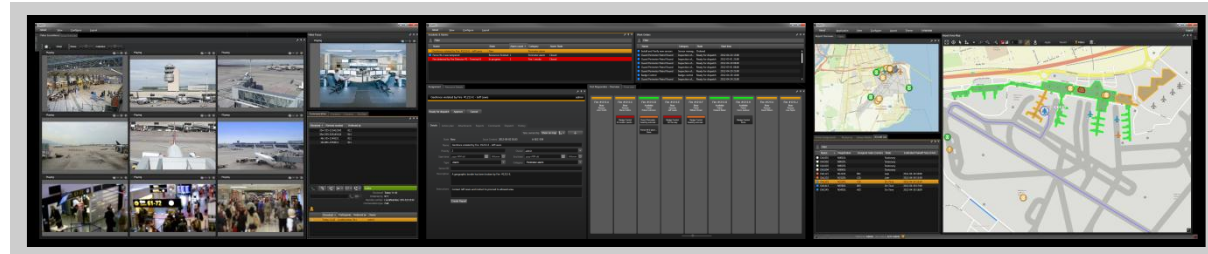


THIS IS HOW IT WORKS

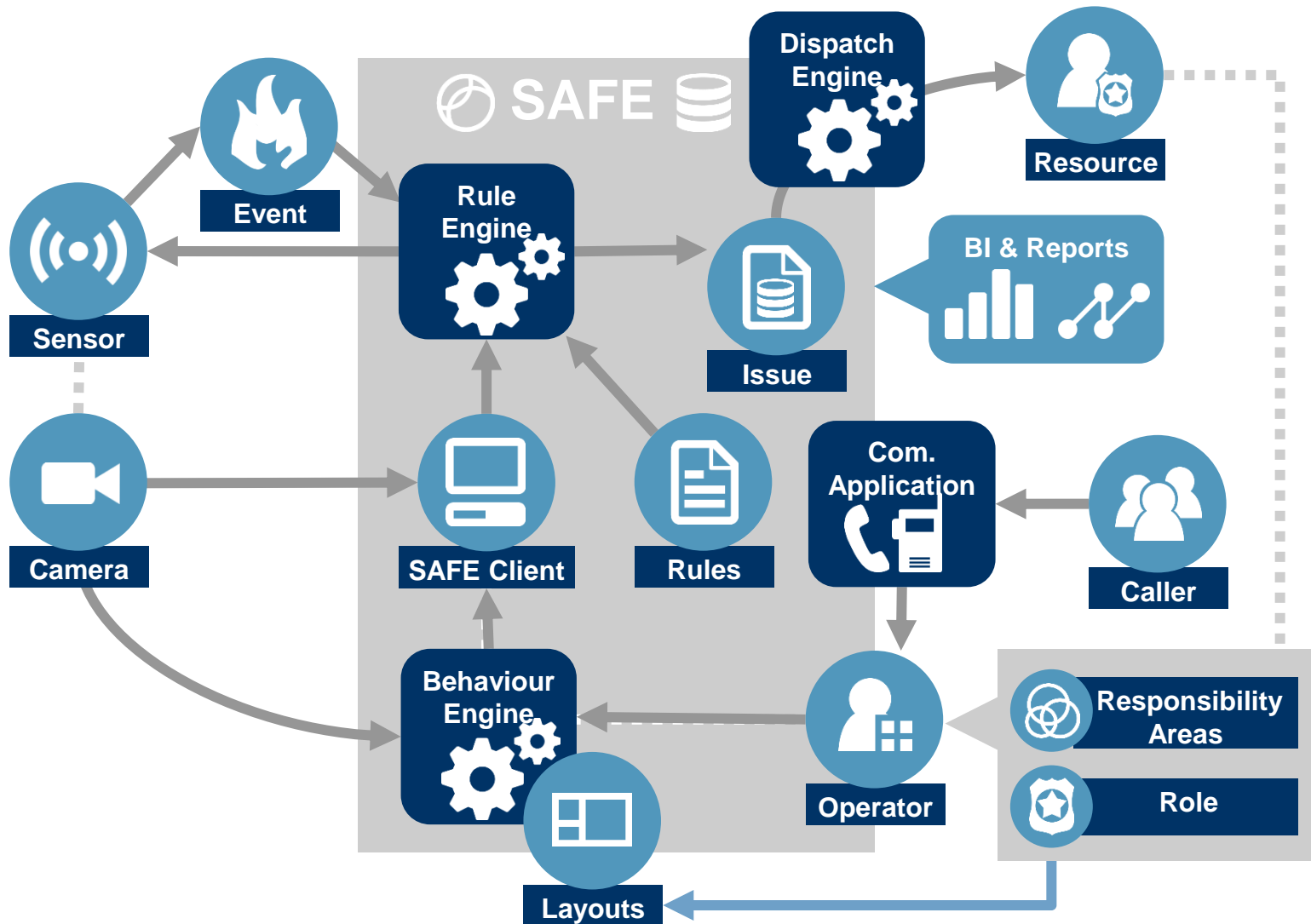


INTEGRATED SOLUTION WITH THE SAFE SECURITY PLATFORM

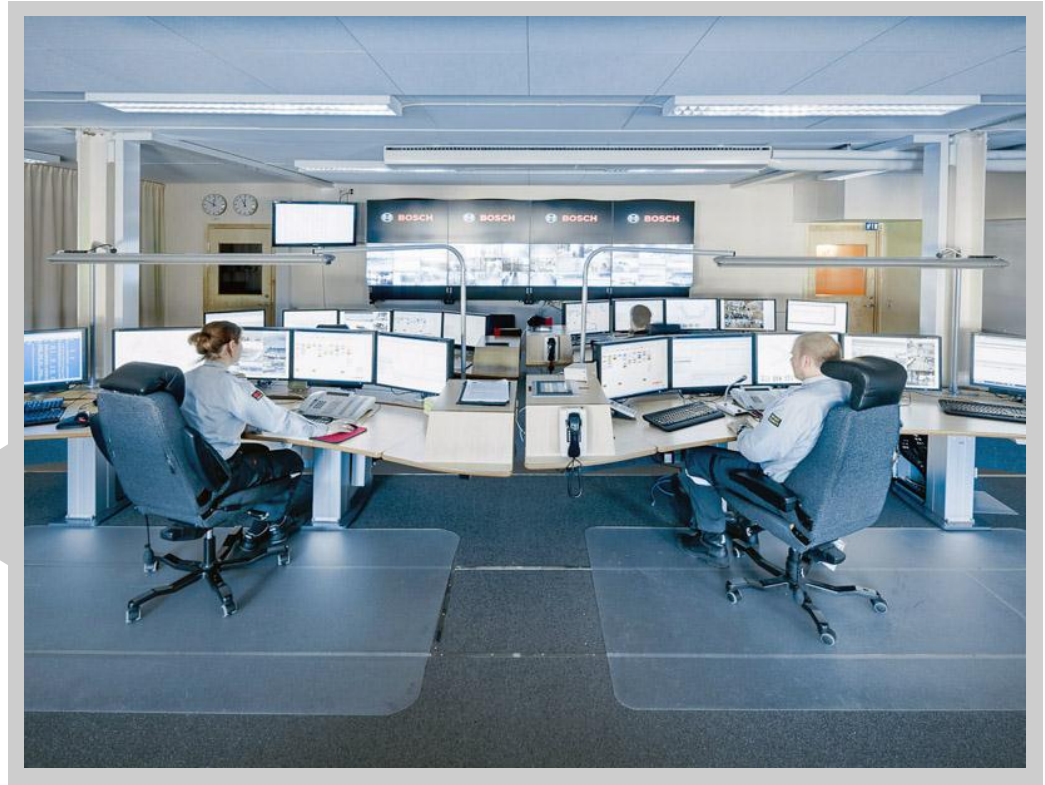
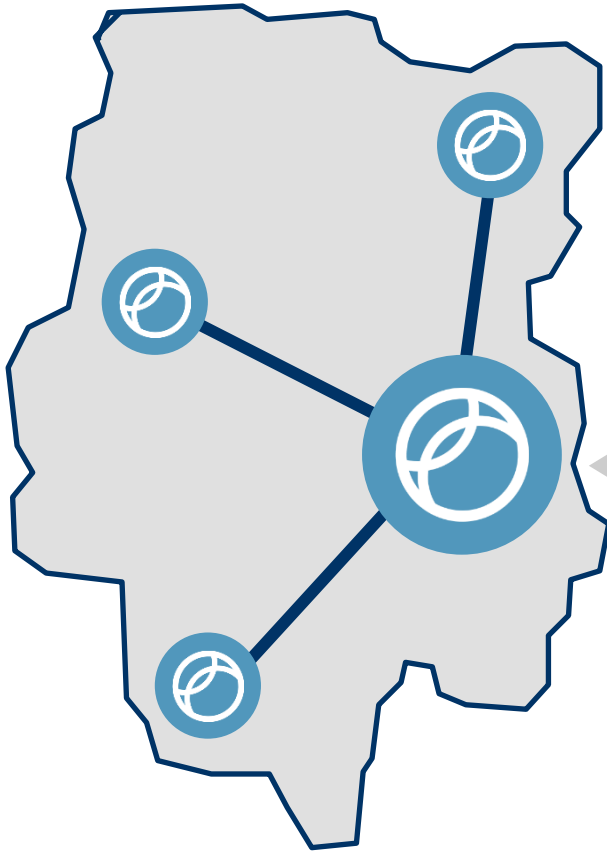
- Information sharing
- Decision support
- Workflow management
- Controls integrated systems
- Logging of all events
- Resource management
- GIS with GPS tracking
- One common interface



SAFE CONCEPTS



SAFE OPERATIONAL ENVIRONMENT CENTRALIZED OR REMOTE CENTERS

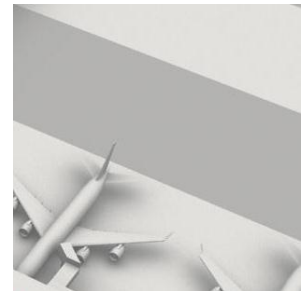


**SITUATIONAL AWARENESS &
COMMON OPERATIONAL PICTURE**

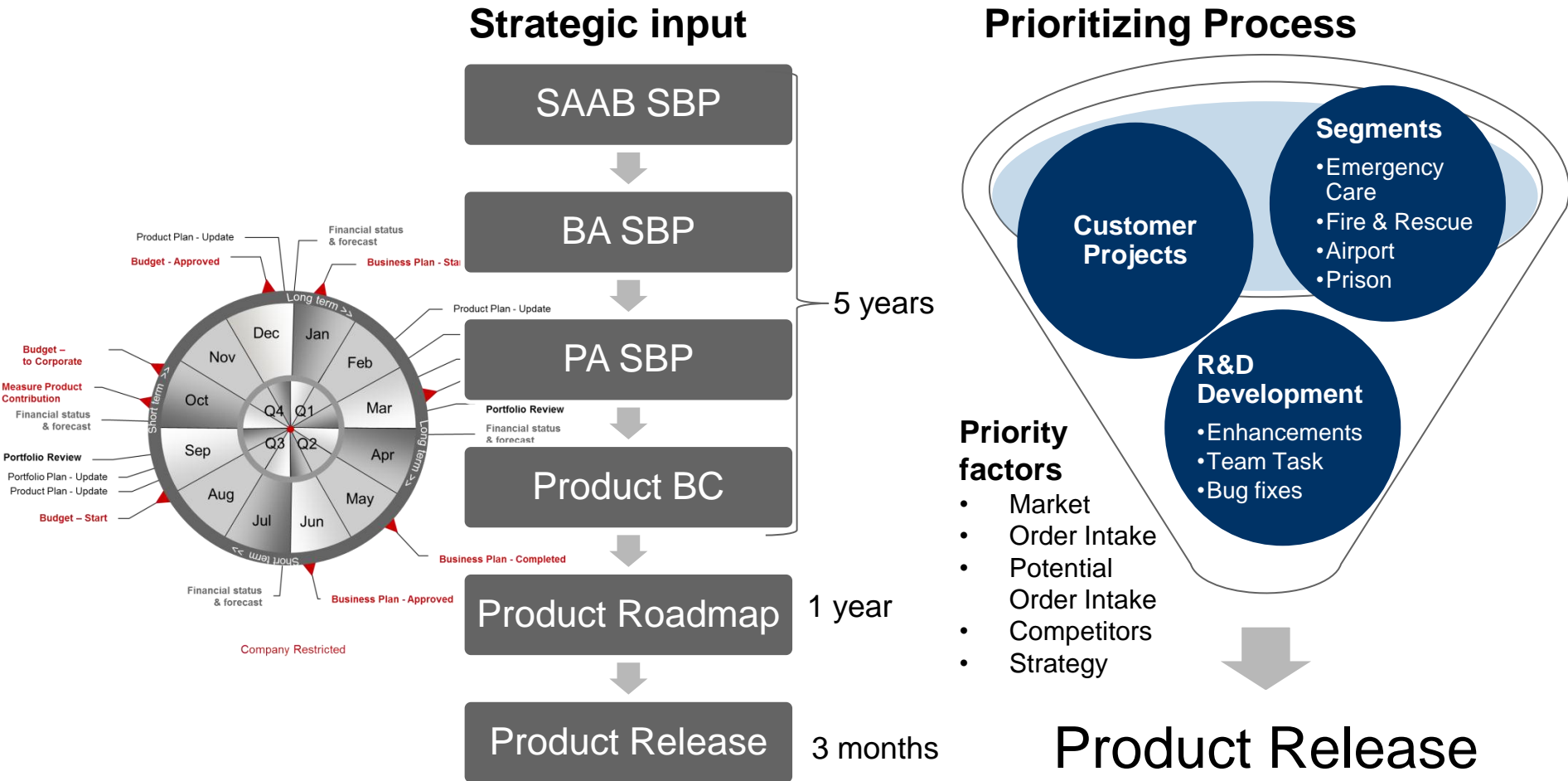
SAFE OPERATIONAL ENVIRONMENT MOBILE OR CONTROL ROOM



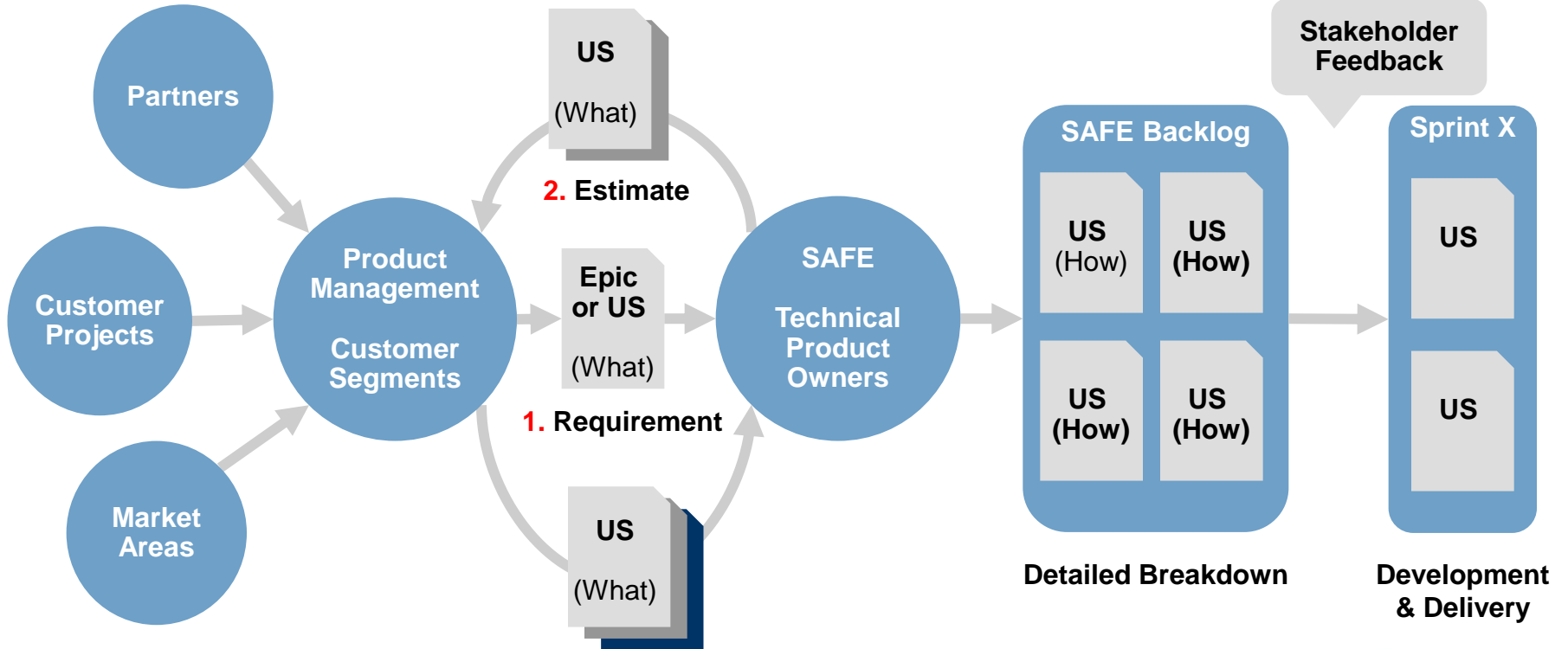
HOW IS IT DONE?



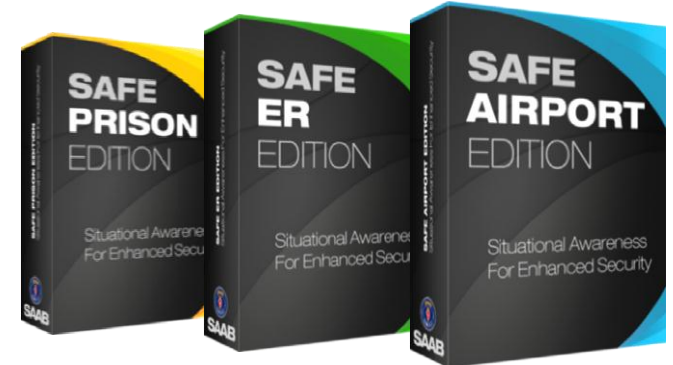
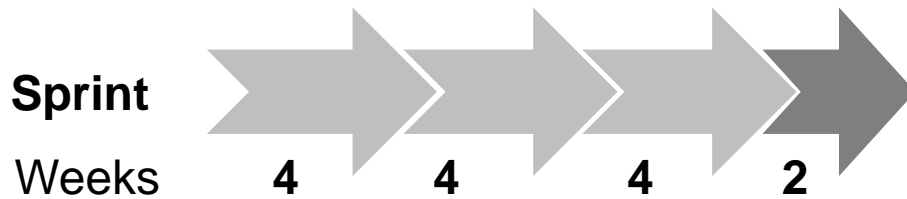
PRODUCT RELEASE WORKFLOW



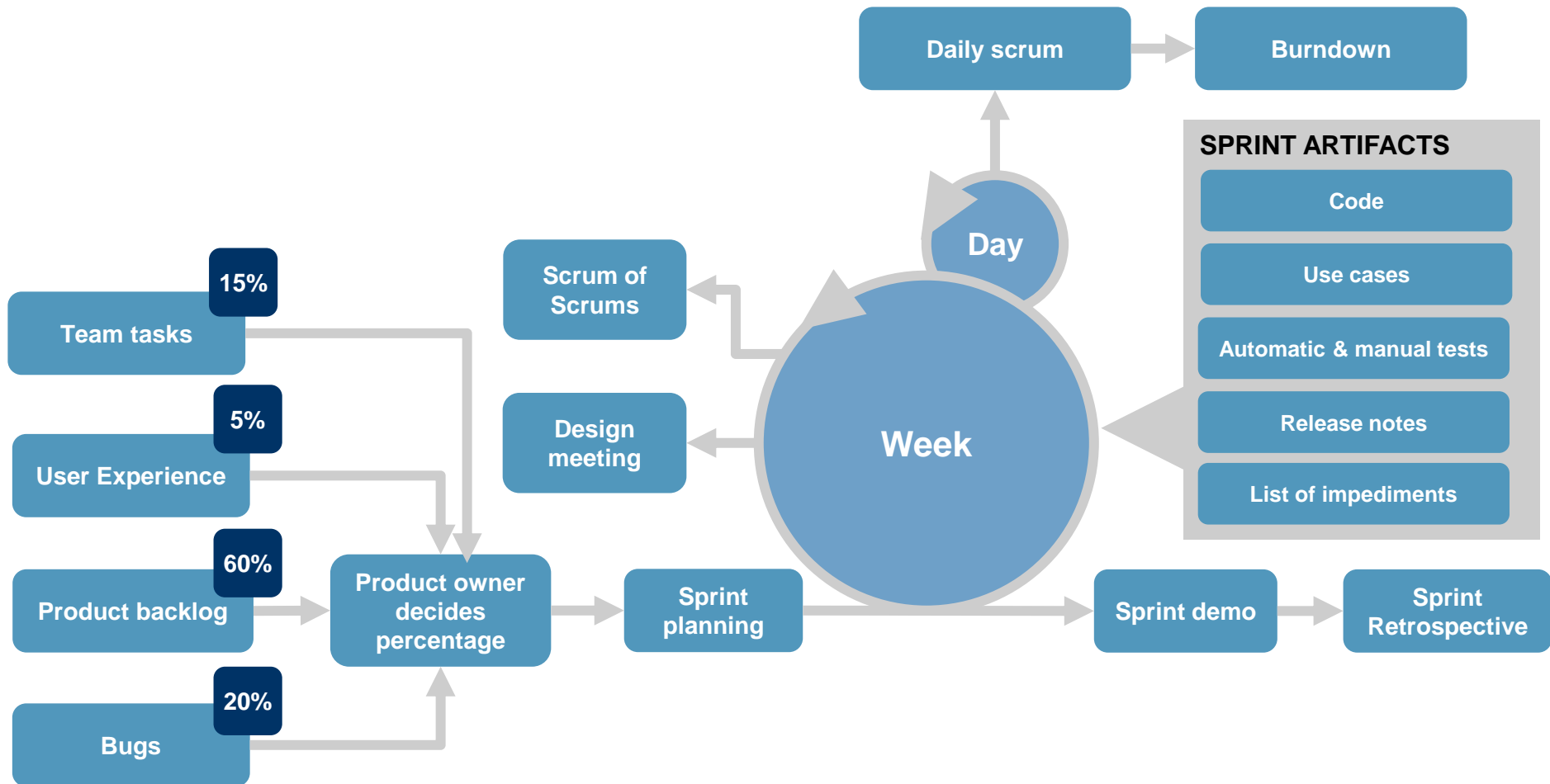
FROM USER STORY TO CUSTOMER



3. Prioritized PM Backlog



THE RHYTHM IN THE FACTORY



REAL CONTINUOUS INTEGRATION

Continuous Integration #11 - Dispatch Module | ▾

#6465 ✔ Tests passed: 189 | ▾

Continuous Integration #12 - SIP | ▾

#3680 ✔ Tests passed: 2486, ignored: 20 | ▾

Continuous Integration #13 - SDK Doc

#190 ✔ Success | ▾

Continuous Integration #14 - Datalayer

#1770 ✔ Tests passed: 595, ign | ▾

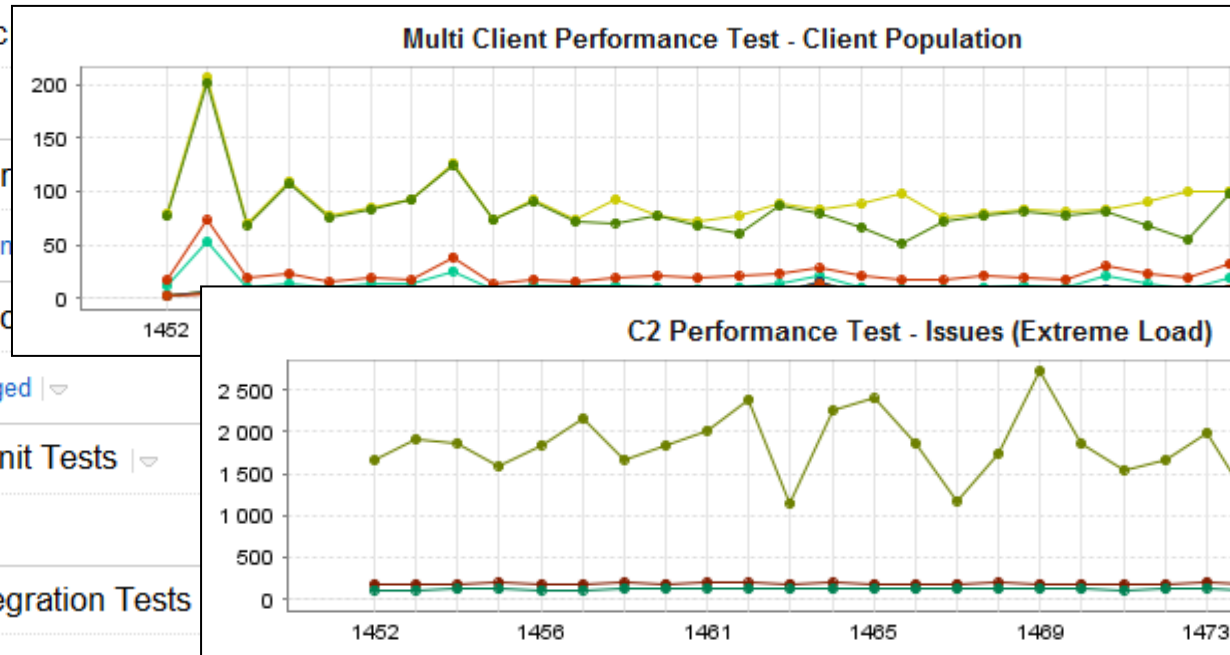
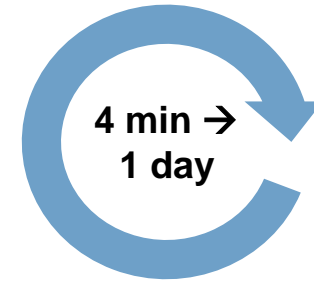
Continuous Integration #15 - Mobile Co

#5089 ❗ Error message is logged | ▾

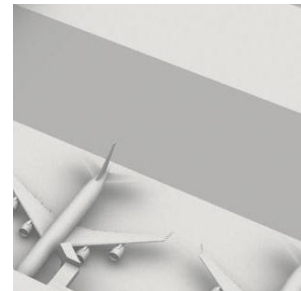
Continuous Integration #16 - Mobile Unit Tests | ▾

#627 ✔ Tests passed: 76 | ▾

Continuous Integration #17 - Web Integration Tests



HOW TO DELIVER



USER CENTRIC DELIVERY



- Flexibility vs. Stability
- Agility vs. Traditional Customers

CONSUMER PRODUCTS PUSHES THE ...



SAFE ECOSYSTEM

