



ATTPS TEST-BED

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ATTPS

Achieving
The
Trust
Paradigm
Shift

ATTPS Test-bed Goal

- Rapid piloting and validation of innovative technology and test-bed parts to support sprint cycles, experiments, user trials, pilots, ...
- Implementing a TDL real life test bed environment using the current and future available hard and software components contributed from TDL partners and integration based upon the developed trust architecture principles of the TDL community
- Supporting
 - the ATTPS partners
 - the TDL community
 - Other interested organisations / EU related projects

ATTPS Test-bed: Implementation

The test-bed exists of a technology platform provided and composed by TDL members

- for enabling infrastructure on: communication level (Internet; Telecom) and on trustworthy platforms like for example the e-authentication framework architecture
- providing trustworthy ICT solutions for integration and deployment on the enabling infrastructure.

Testbed Approach & Status

- an inventory is made of available suitable building blocks from both the ATTPS partners as well as the TDL community members
- an inventory is made of the needed functionality that is derived from the existing and possible future TDL sprints, demonstrators and use cases
- general mechanisms and policies for using the components, SLAs is determined
- several components have been integrated and used in short sprints cycles
- Descriptions: functionality, interfaces, usage policies, SLA

Identify & register components/resources and policies/SLA/usage conditions from the component providers

- Describing the functionalities and how they can connect.
- Describing the experiments and when they are considered to be successful
- Determining what data to capture/monitor and how to analyse

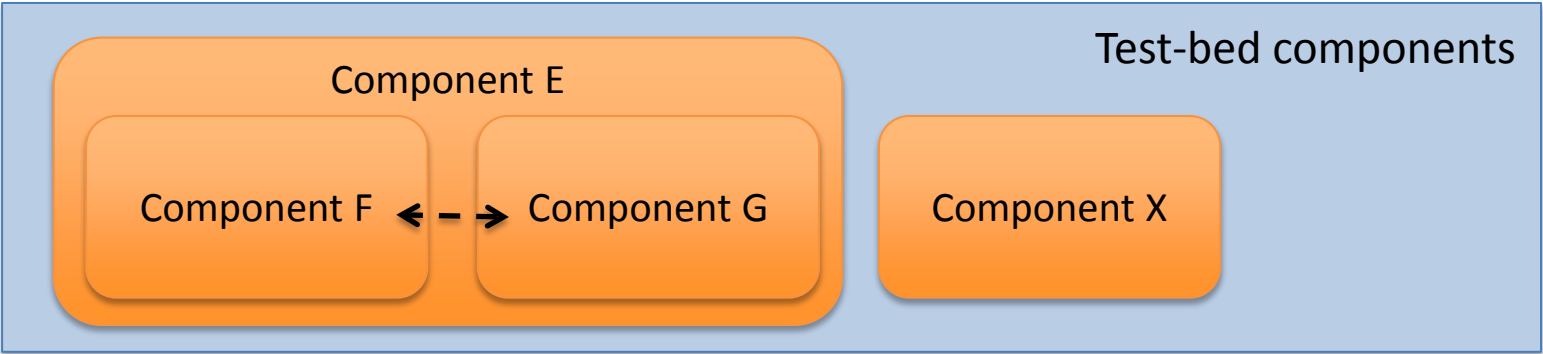
Usage

- Define actual experiments/sprints
- Conduct the experiments/sprints

TDL | Trust in
Digital
Life

Architecture





Applications

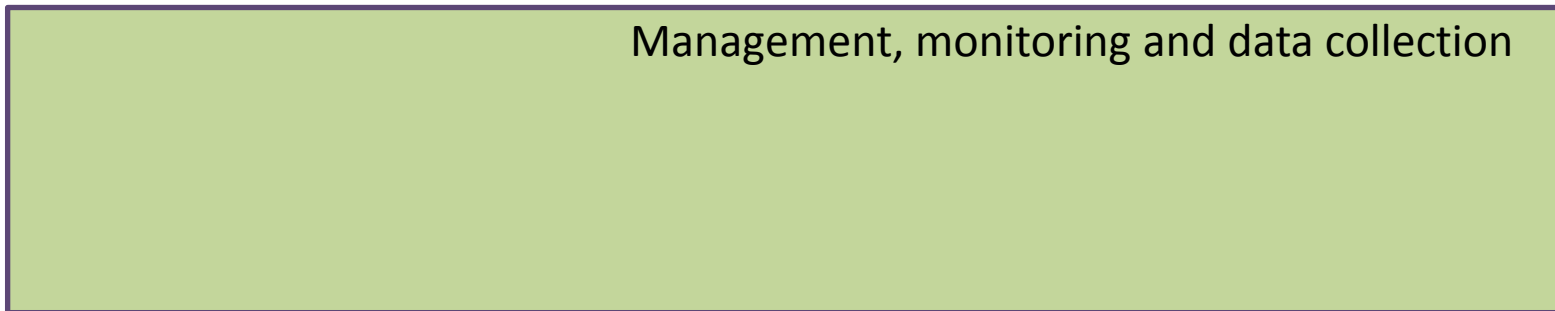
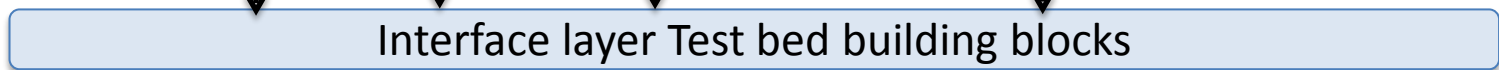
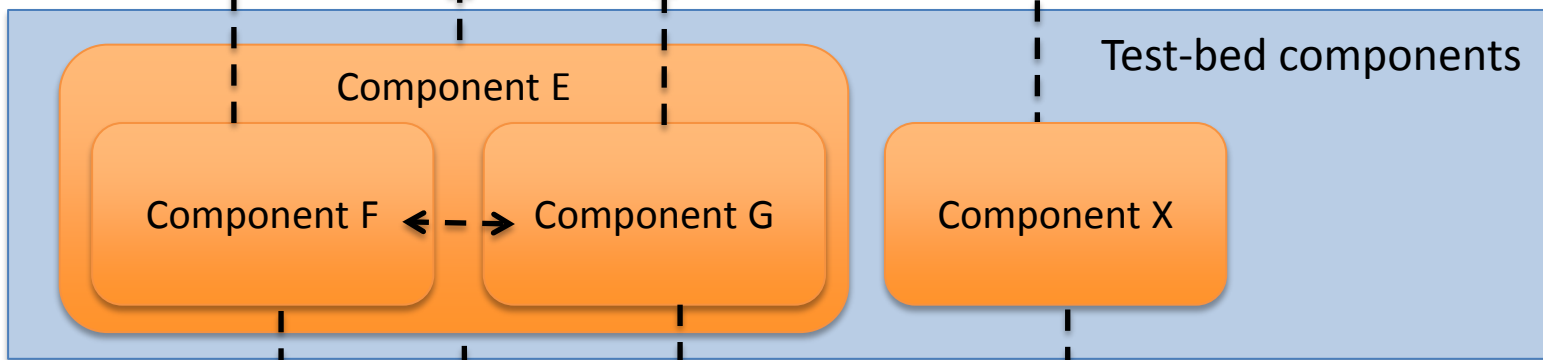
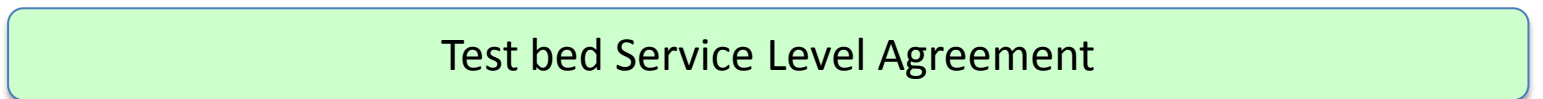
Test-bed components

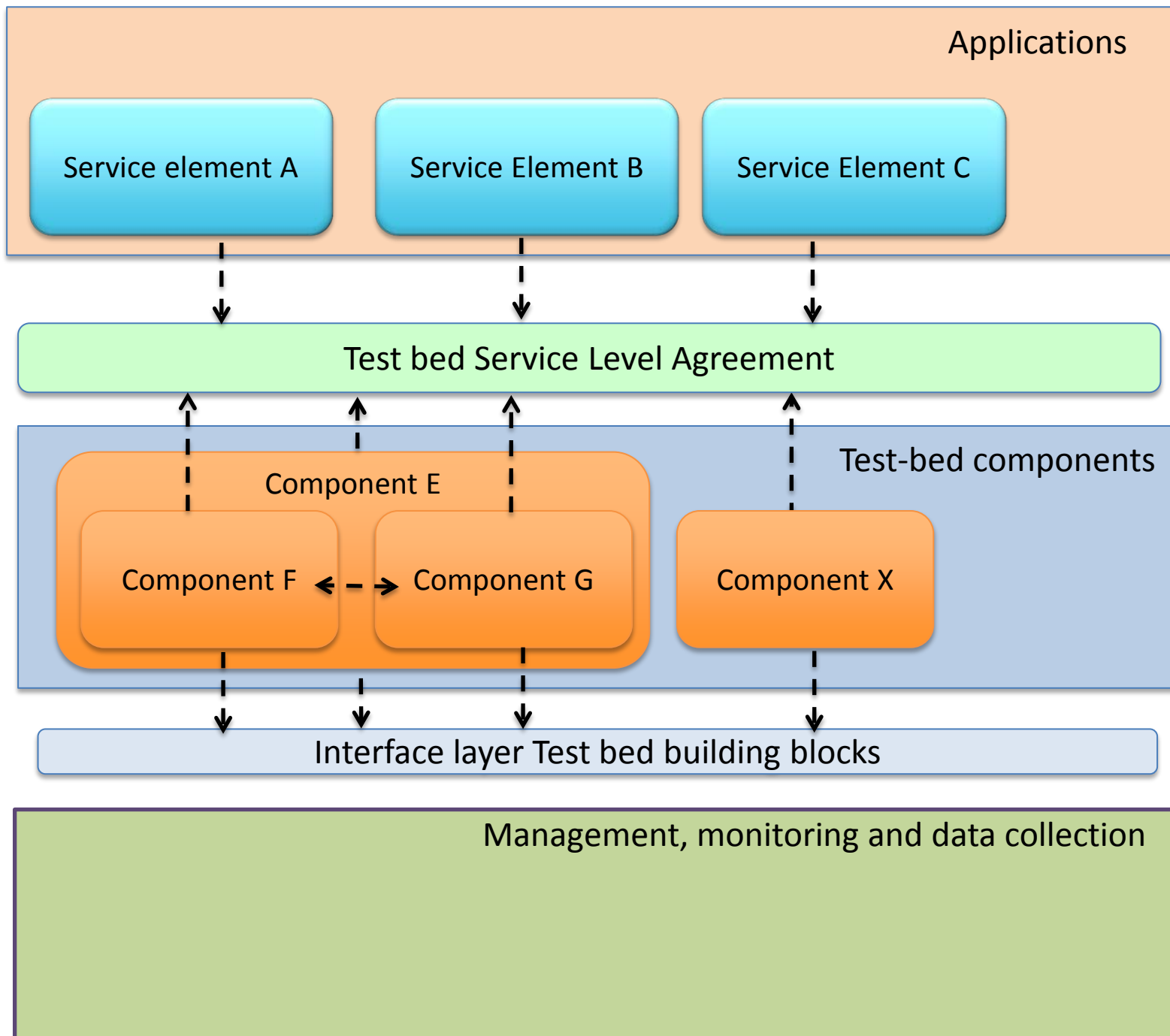
Component E

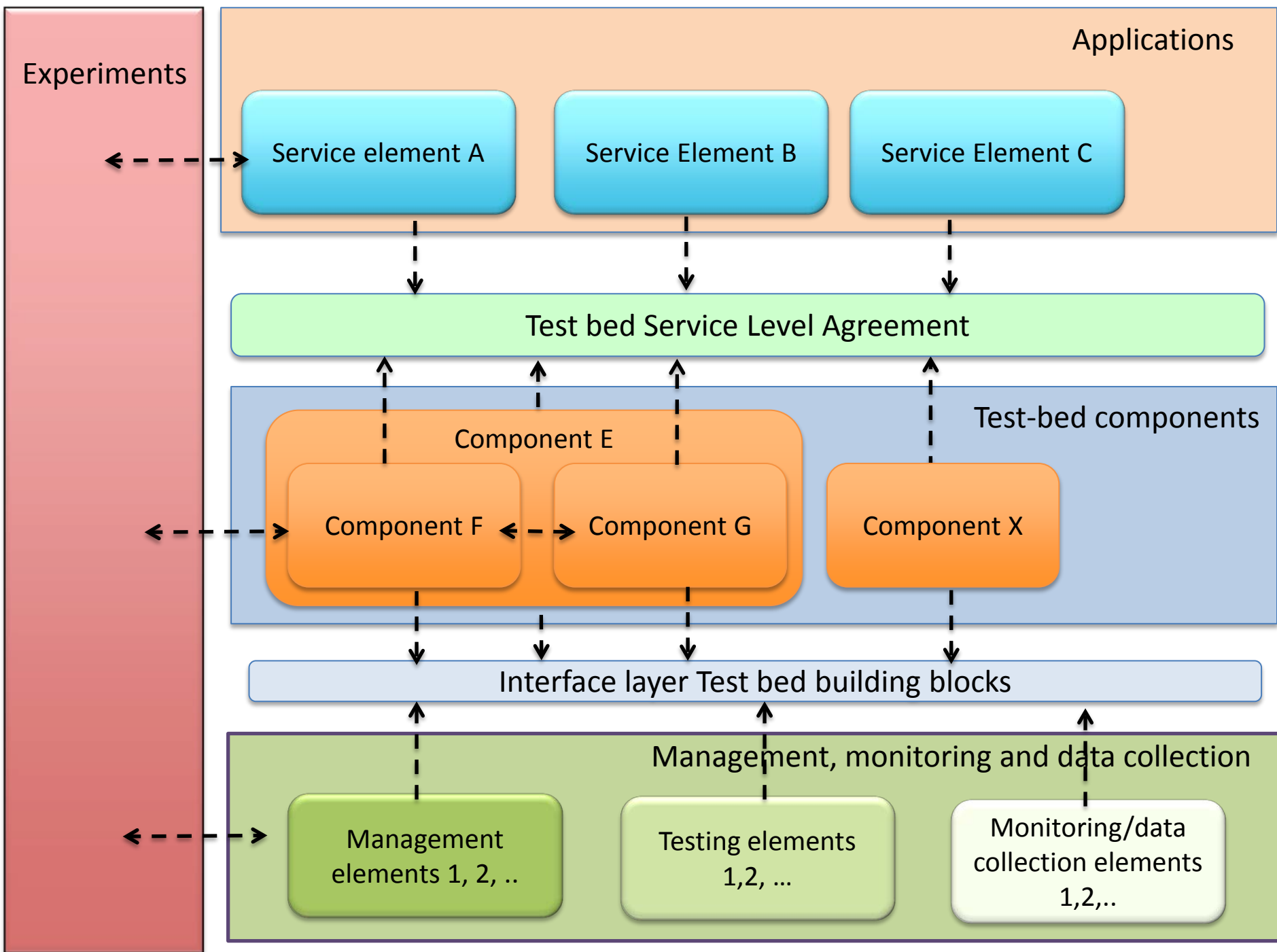
Component F ← - → Component G

Component X

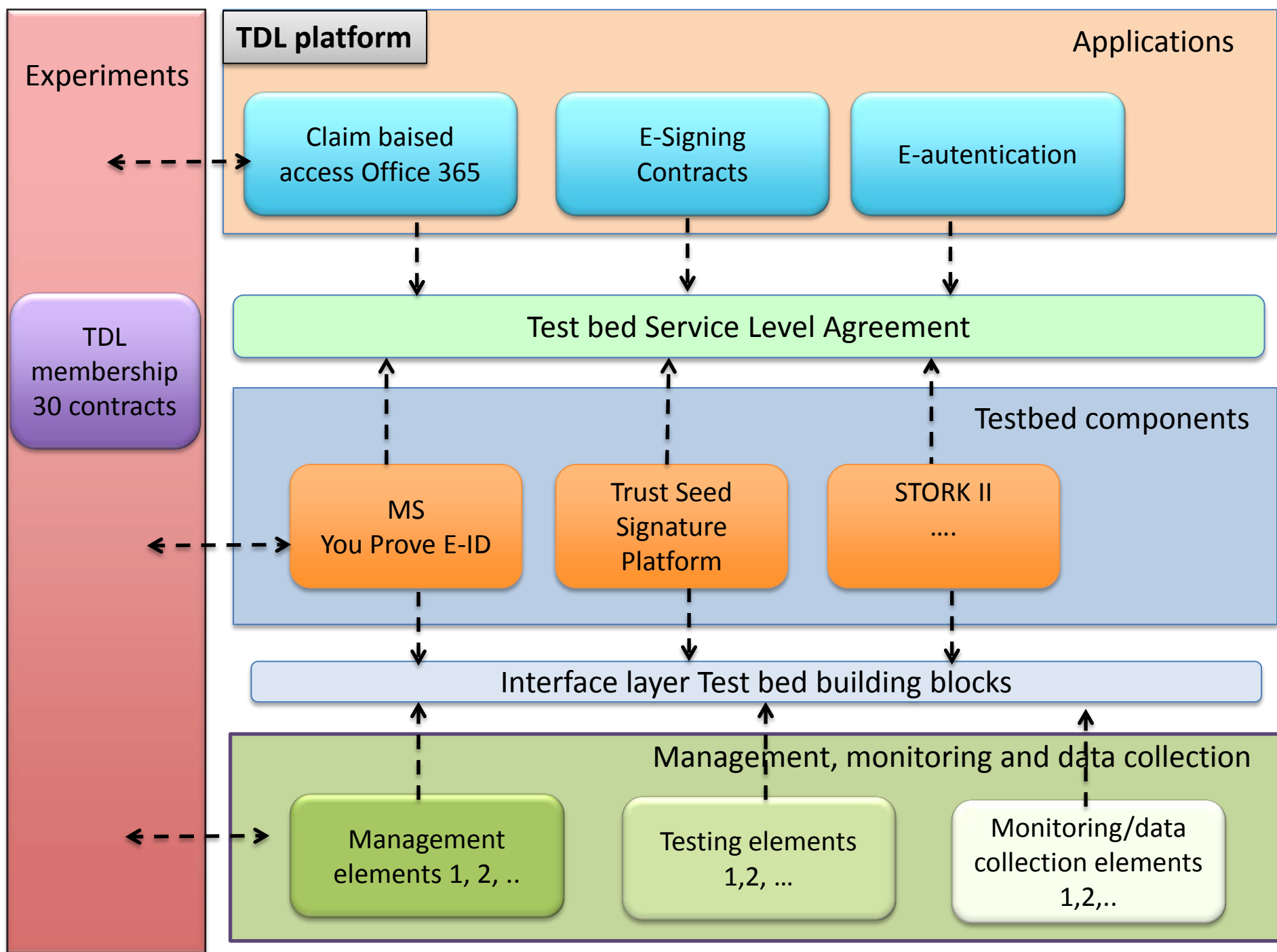
Management, monitoring and data collection







Examples



Dedefracted ID Flightmap

Applications

Experiments

Flightmap
logins

Claim based access Office 365 E-authentication

Test bed Service Level Agreement

MS You Prove E-ID Trust Seed Signature Platform

Testbed components

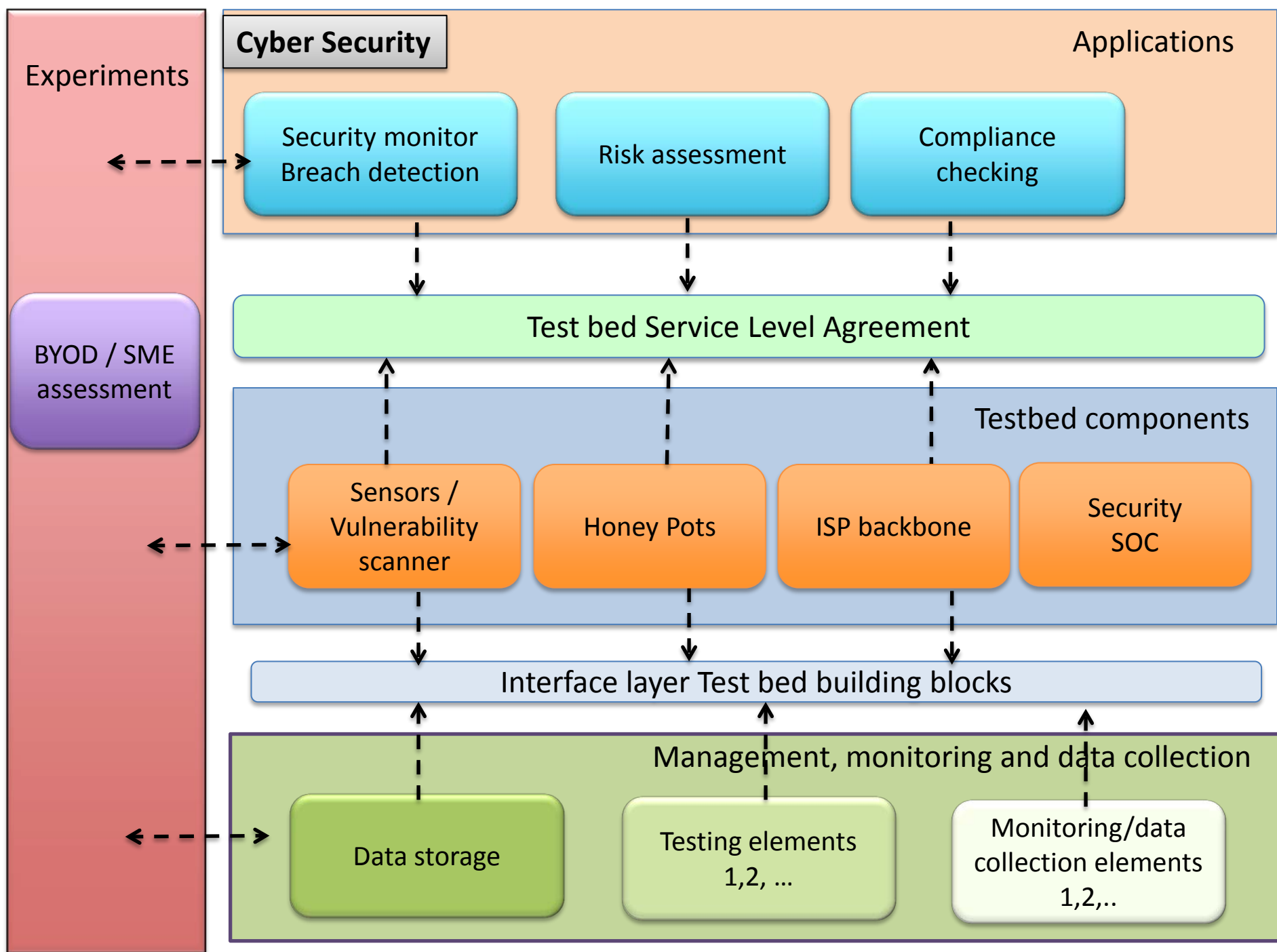
Interface layer Test bed building blocks

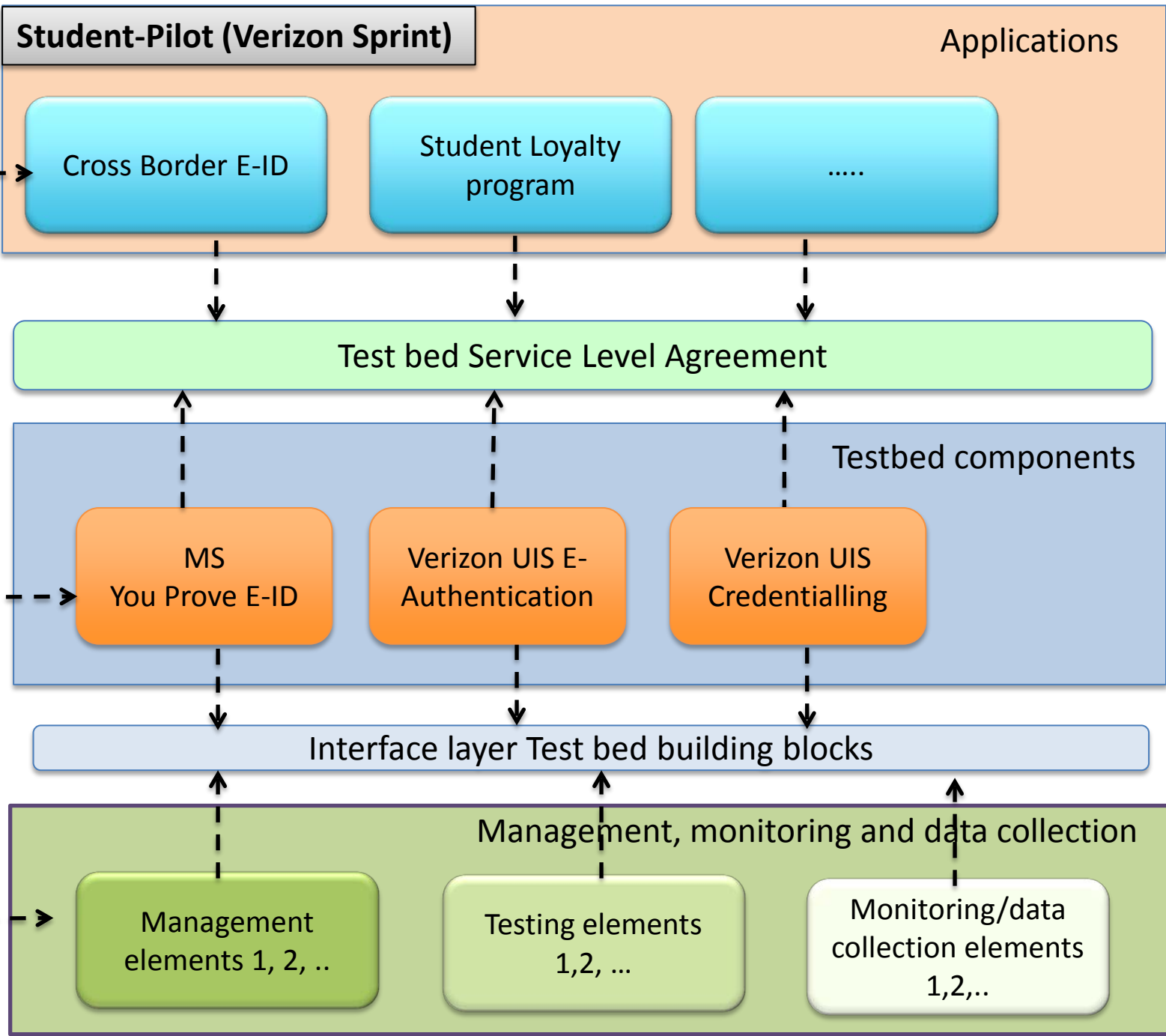
Management, monitoring and data collection

Management elements 1, 2, .. Testing elements 1,2, ... Monitoring/data collection elements 1,2,..



Management, monitoring and data collection





Experiments

UK students

