

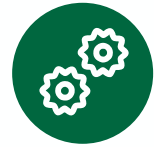
T7 Cloud Simulation

On-demand access simulation

2025



Agenda



**Overview T7
Simulation
Environments**

01

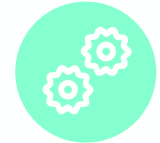


**T7 Simulation
Schedules**

02

03

**T7 Cloud Simulation Service
Offering in a nutshell**

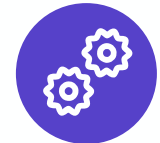


**Deep-dive T7 Cloud
Simulation Features**

04

05

**Known
Limitations**



06

Outlook



1 Overview T7 Simulation Environments

Overview T7 Simulation Environments

T7 Eurex Exchange

T7 Cloud Simulation

- ISVs, Trading participants & others based on
 - T7 Cloud Agreement
 - Sandbox environment
 - No connection to other systems like C7
 - 24/7 availability
 - Hourly billing

T7 Standard Simulation

- Trading participants & Clearing Members access for free
- ISVs and Members join via Vendor Access contract
- Near time copy of production environment
- Clients & ISVs sharing same order book
- Simulation calendar with scheduled trading hours

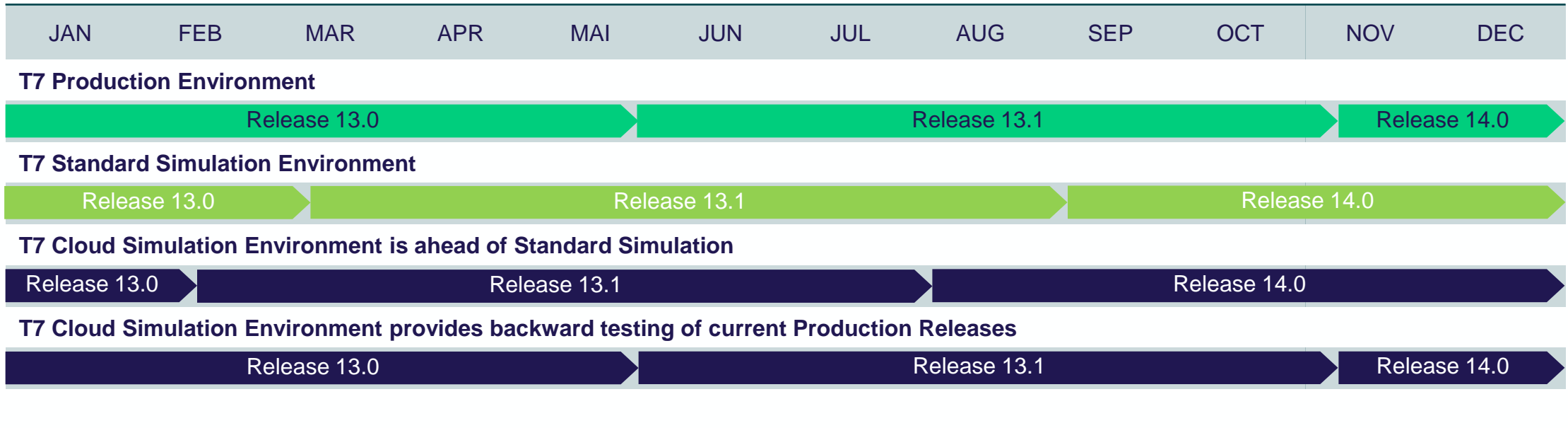
T7 Production

- Major T7 system connected to all admitted Trading participants & Clearing Members
- 23 trading hours - follow the sun principal

2 T7 Simulation Schedules

T7 Simulation Schedules

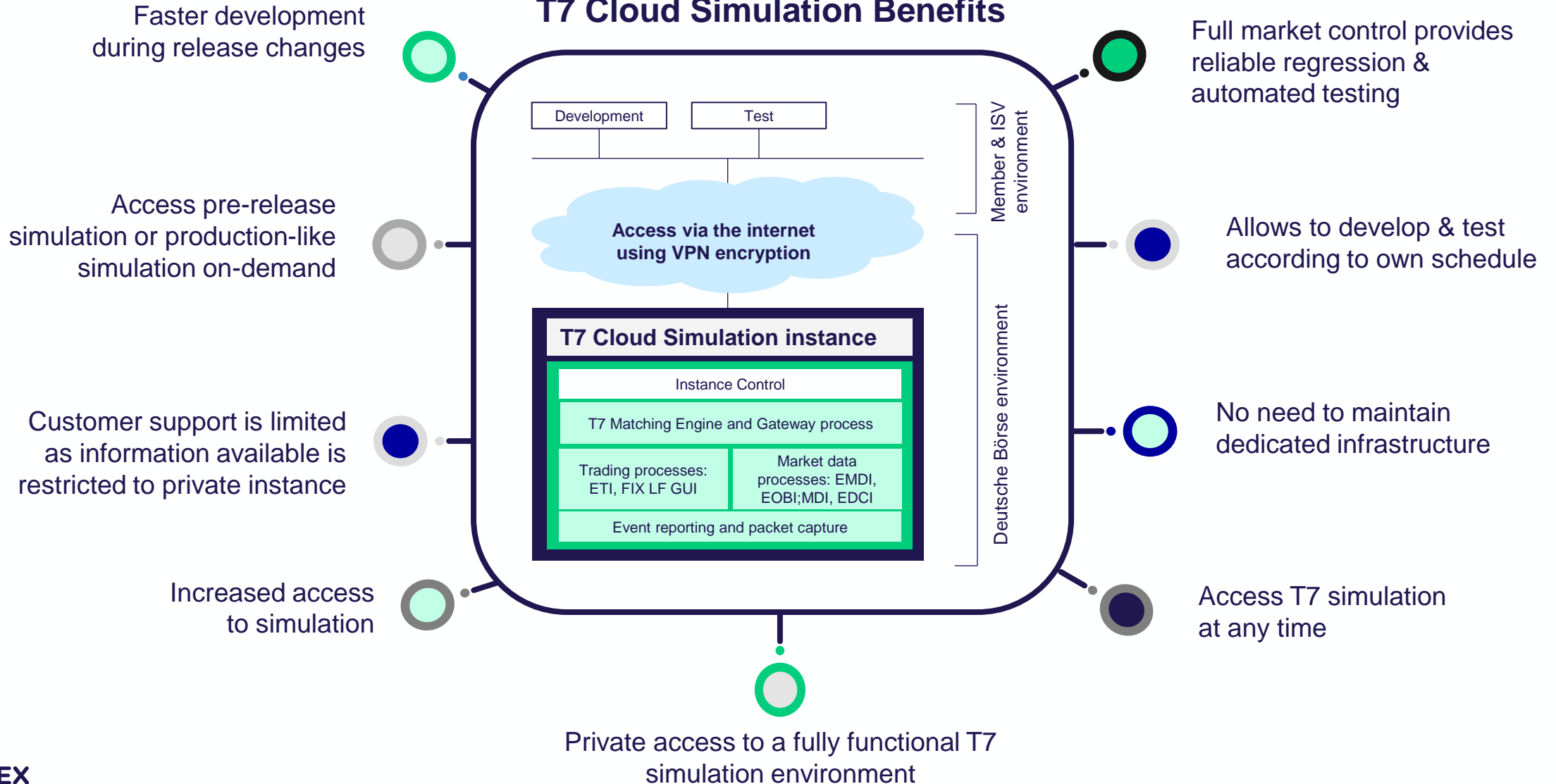
T7 Simulation Environment Schedules



3 T7 Cloud in a nutshell

T7 Cloud Simulation Service Offering in a nutshell

T7 Cloud Simulation Benefits



4 T7 Cloud features

Deep dive T7 Cloud Simulation Features (1/3)

Customers can deploy **private, on-demand** instance of T7 simulation for testing & development

Instance is created & runs within **public cloud infrastructure** allowing customers access from any computer with internet **access anywhere**

Consumption-based billing model offers easy access to commitment-free environment for developing & testing trading software

Trading & Admin GUI available

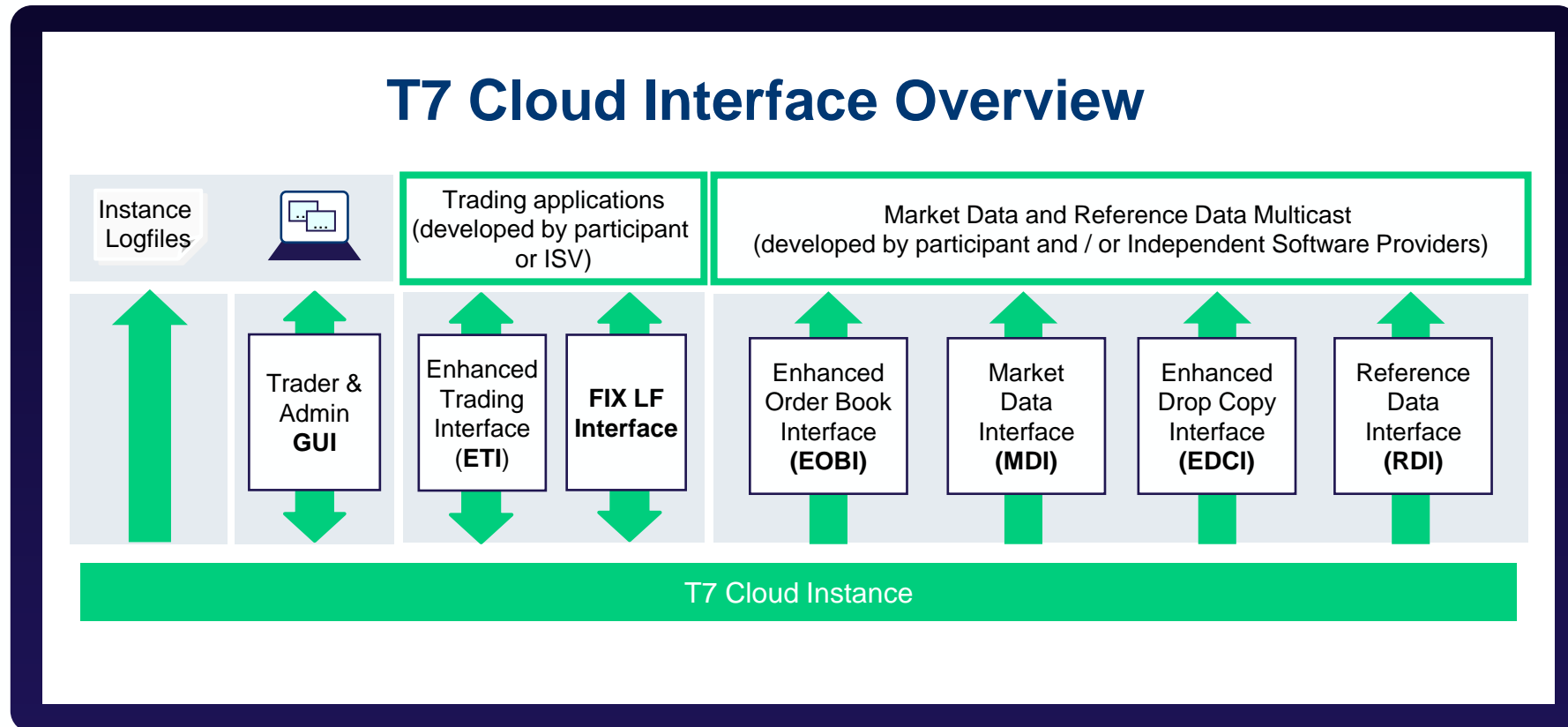


Upcoming T7 software version can be tested **1 month prior** to its deployment in regular T7 Simulation

Participants can choose from **2 different simulation environments & reference data**, for both versions participants can opt for **production like reference or test data**

Eurex - XEUR	
<input type="radio"/>	Eurex 13.0 (production reference data) Production version (published 2025-02-07)
<input type="radio"/>	Eurex 13.0 (simulation reference data) Production version (published 2025-02-07)
<input type="radio"/>	Eurex 13.1 (simulation reference data) Pre-Simulation version (published 2025-02-28)
Xetra - XETR	
<input type="radio"/>	Xetra 13.0 (production reference data) Development version (published 2025-02-07)
<input type="radio"/>	Xetra 13.0 (simulation reference data) Development version (published 2025-02-07)
<input type="radio"/>	Xetra 13.1 (simulation reference data) Pre-Simulation version (published 2025-02-28)
Boerse Frankfurt - XFRA	
<input type="radio"/>	Boerse Frankfurt 13.0 (test reference data) Development version (published 2025-02-07)
<input type="radio"/>	Boerse Frankfurt 13.1 (test reference data) Pre-Simulation version (published 2025-02-28)

Deep dive T7 Cloud Simulation Features (2/3)



Access includes 5 unique member IDs, each enabled with

- 5 trader IDs (one supervising trader, one head trader and two regular traders)
- High- & low-frequency ETI sessions, FIX LF session & GUI access

Deep dive T7 Cloud Simulation Features (3/3)

Mass Cancellation, Stop Trading, Emergency Stop, Instrument suspension, initiate volatility interruption via the API or web interface

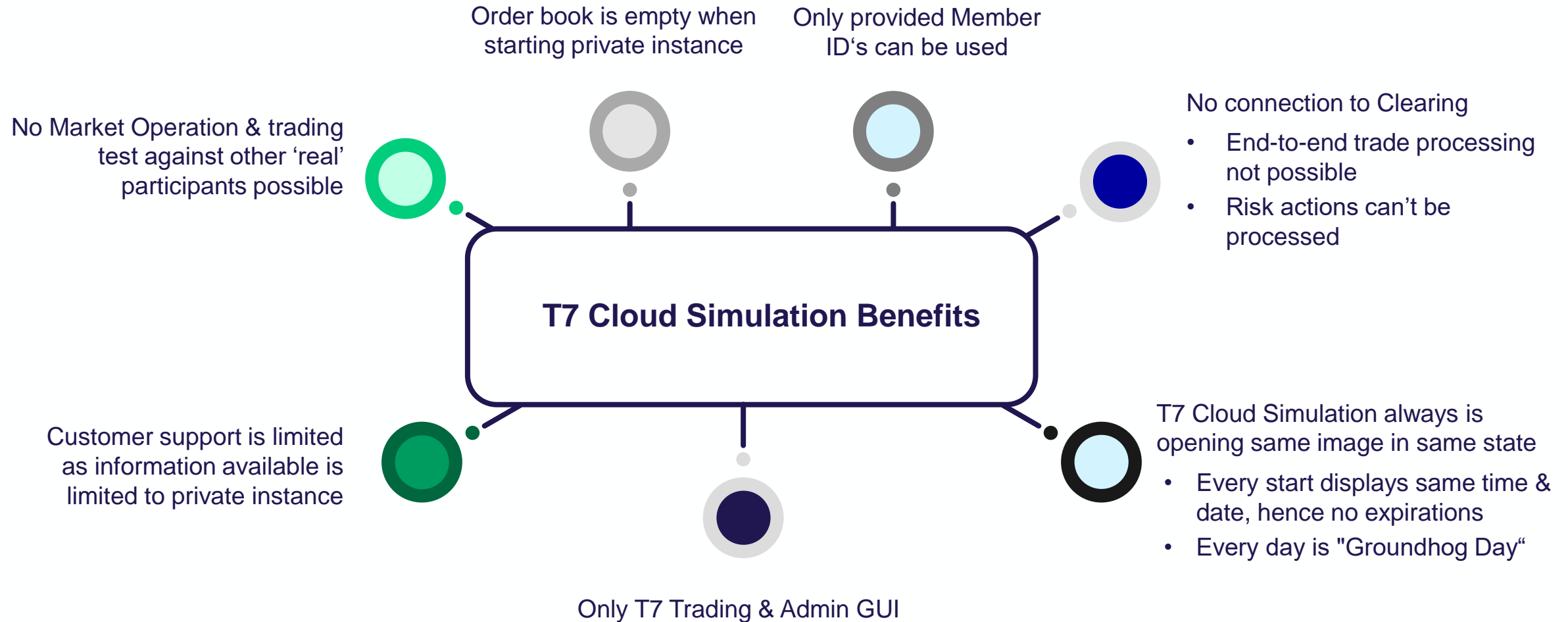
Perform Failovers and failures of interfaces or the whole system

Possibility to perform Trade Enrichment Maintenance, Entitlement Maintenance, Transaction size limit maintenance via the Admin GUI

Data from an instance can be saved by downloading raw PCAP files for an instance (either via T7 Cloud API or Launchpad)

5 Limitations

Known Limitations



6 Outlook

Outlook



T7 Cloud Simulation is highly customizable



Possible developments

- Sophisticated automated trade-generation scripts
- Intraday product expirations
- Addition reporting and audit trail functionality in the event of updated regulatory requirements
- Historical order book data subscriptions and scenarios



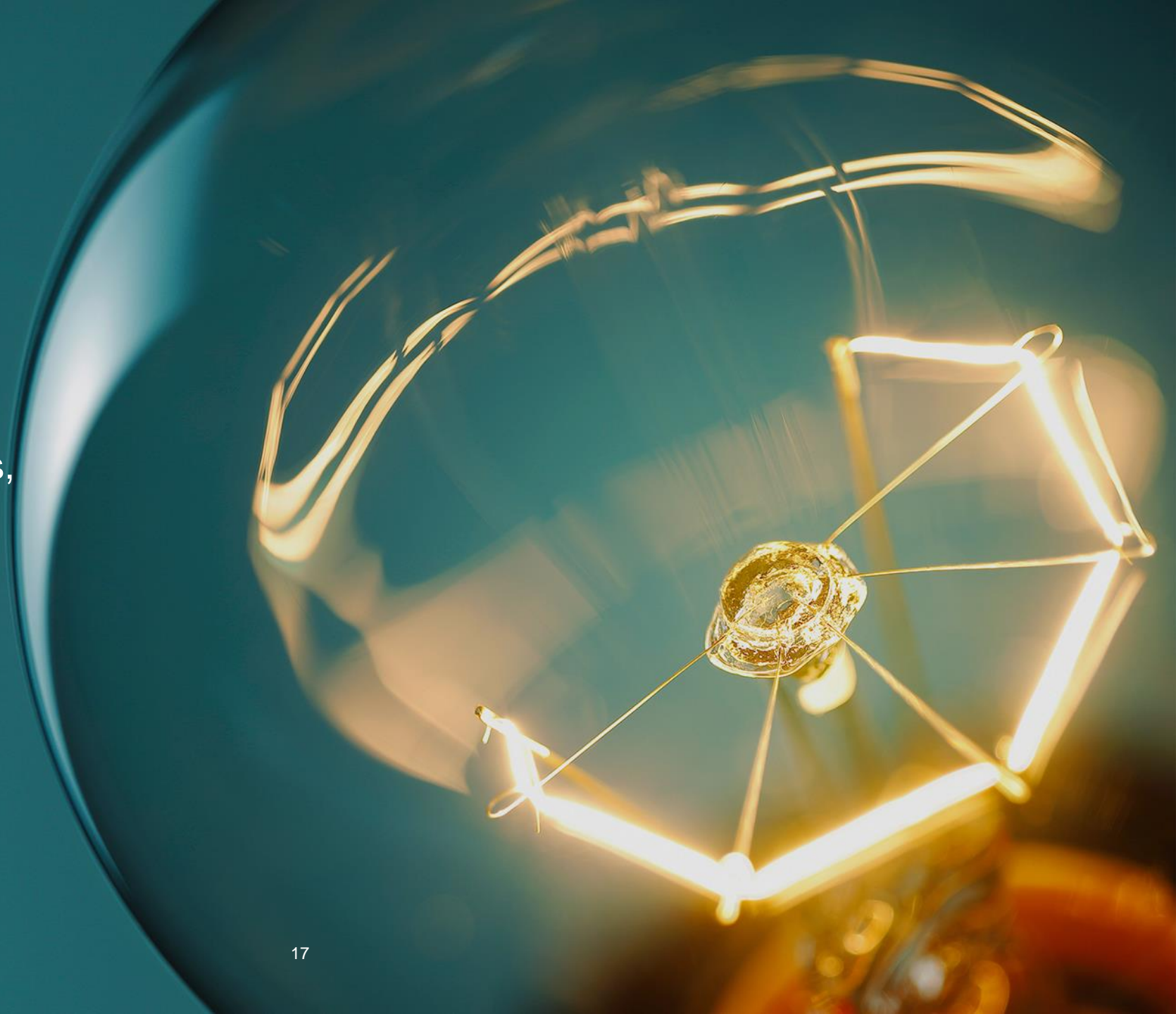
T7 Cloud migration to Google Cloud Platform (GCP) plans for end of 2025

**Let us know, what
you'd like to see in
T7 Cloud
Simulation!**

Thank you!

If you have any further questions,
please send an e-mail to
vendors@deutsche-boerse.com

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