

conexus
B A L T I C G R I D

elering
GENERATING OPPORTUNITIES

COMMON LAT-EST
BALANCING ZONE

IT DEVELOPMENT

20.06.2019.

IT PROJECT

COMMON PRESENTATION

Veiko Aunapuu,
IT project manager «Elering AS»

Dmitrijs Logvinovs,
IT project manager
JSC «Conexus Baltic Grid»

IT SOLUTIONS CHANGES

2019

- Separate data exchange with Elering and Conexus;
- User portal only in read-only mode (Conexus)
- IUGS capacity booking and transferring - manual process;
- Limited or non-existing automated data exchange capabilities;
- Separate invoices from Elering and Conexus if operating in LV and EE.

2020

- Centralized portal for most business processes
 - capacity booking/transfer/surrendering,
 - flow nomination/re-nomination,
 - allocation (preliminary and final),
 - balancing bids and balancing activation.
- AS4 system for automated data exchange;
- One connecting TSO (Elering or Conexus) for each network user, one contact point for information;
- Invoices for used gas transmission services in LV and EE only from one TSO

DEVELOPER

CONTRACTOR

- Information about IP systems Zrt.

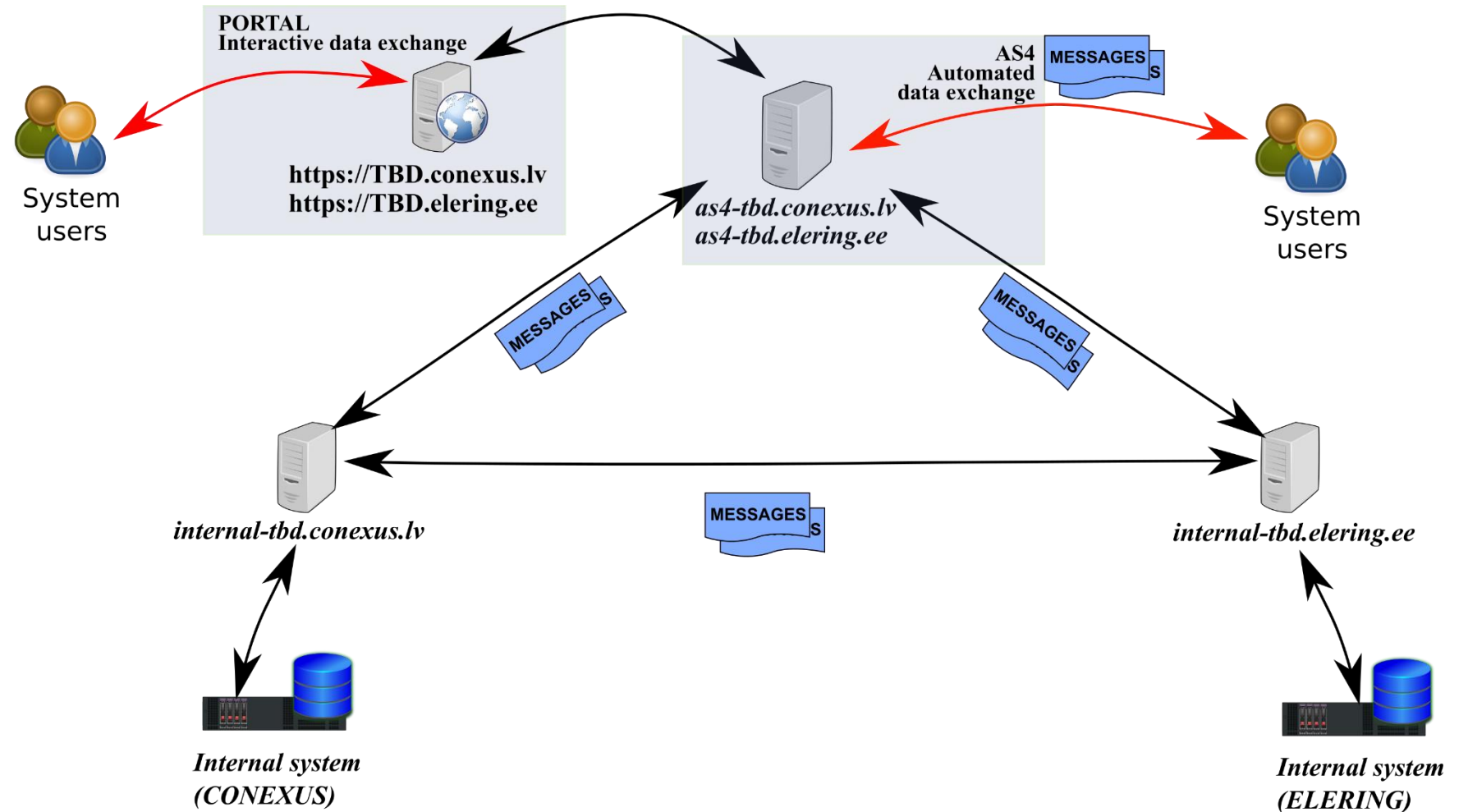


- <https://navitasoft.com/news/conexus-and-elering-baltics-opt-ip-systems>
- Elering and Conexus Baltic Grid are the 5th and 6th transmission system operators for IP Systems for direct platform development.
- IP Systems is an IT developer and consultancy company specialized on the liberalized energy markets.
- Since 2008 IP Systems' products have been used in: Austria, Bulgaria, Croatia, Czech Republic, Greece, Hungary, Romania, Slovakia, Switzerland and Ukraine. IP Systems is a company limited by shares (Zrt.) 100% owned by its employees.

IT SYSTEM '20

SYSTEM OVERVIEW

- High-level system overview



IT SYSTEM '20

MAIN FACTS AND CHANGES

- High-level system overview

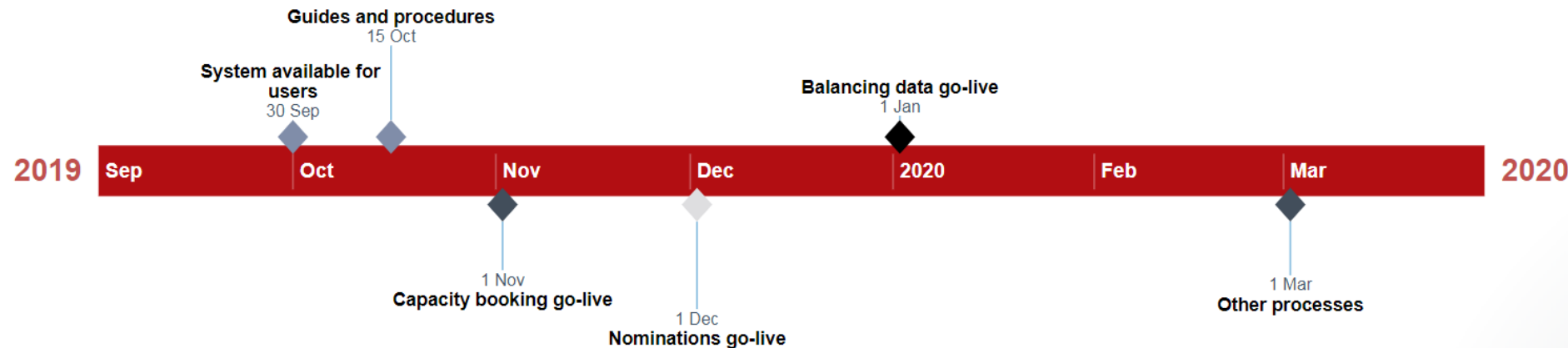
- System will be built based on EDIG@S standard;
- Portal will provide possibility to create EDIG@S messages and submit them to TSO;
- Portal will display EDIG@S messages received from TSO in human readable form;
- AS4 will be used for automated data exchange;
- Multi-lingual interface for portal;
- Authentication to portal by two-factor authentication and to AS4 by use of digital certificates.

IT SYSTEM '20

PROJECT TIMELINE

- First access to test system in September;
- First business processes go live in November for long term capacity bookings;
- Nominations procedure to be added by the start of December;
- Allocation information from the start of January;
- Other business process will be added once operational (Balancing bid provision);

• IT Project current timeline



IT SYSTEM '20

NEXT STEPS

- Test version will be available in autumn
- User guides

- Portal and AS4 test system available in September (with limited functionality) meant for integration tests;
- Process guides for system users available in October (subject to approval of network rules);
- Updated timeline – on next user meeting in autumn.



**THANK YOU FOR
YOUR ATTENTION**

TIME FOR QUESTIONS!

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