

DEFINITION OF THE SOLUTION:

Communication content up to 10 years back in higher volumes TB units. Searching is possible between these dates thanks to the support of their own implementation of the data storage division. Reporting to the entire operation with automated by evaluating critical SLAs.



From the customer's point of view, the migration and replacement of the existing platform with a newer version was carried out for a fundamental change in the Oracle SOA Suite architecture between 10g and 11g for which Oracle does not provide a standardized migration tool. In case of non-implementation of this project, the customer would not have a partner for the supply of development and operational services of the platform, as contracts within the state institution cannot be extended arbitrarily and would not have a supported / updated version of the Product maintenance platform.

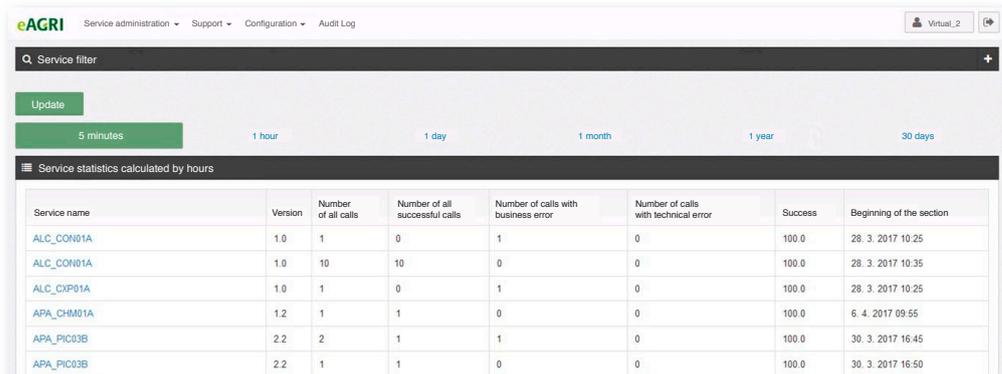
INSTALLED PRODUCTS / MODULES:



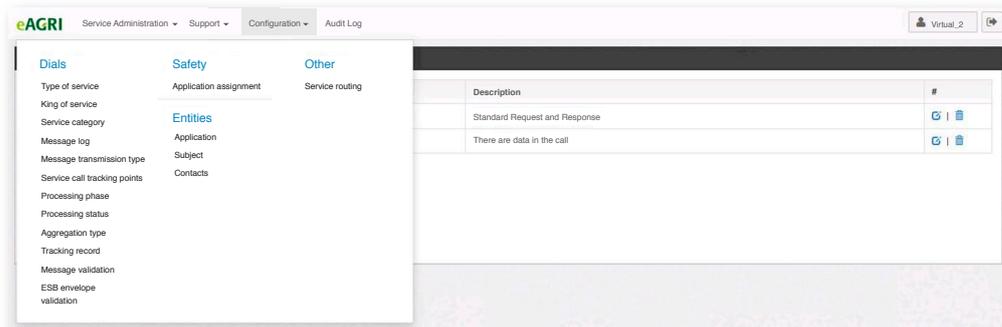
- Oracle Service Bus 12c a Oracle SOA Suite 12c
- Oracle Database 12c
- GEM Services Portal (including GEM SOA Governance)
- GEM XML Firewall
- GEM Traffic Manager and other products for business process management, service lifecycle management and maintenance.



The best solution in the category The communication product is GEM SOA Governance within the competition IT Product 2018 organized under the auspices of IDG experts.



Service name	Version	Number of all calls	Number of all successful calls	Number of calls with business error	Number of calls with technical error	Success	Beginning of the section
ALC_CON01A	1.0	1	0	1	0	100.0	28. 3. 2017 10:25
ALC_CON01A	1.0	10	10	0	0	100.0	28. 3. 2017 10:35
ALC_CXP01A	1.0	1	0	1	0	100.0	28. 3. 2017 10:25
APA_CHM01A	1.2	1	1	0	0	100.0	6. 4. 2017 09:55
APA_PIC03B	2.2	2	1	1	0	100.0	30. 3. 2017 16:45
APA_PIC03B	2.2	1	1	0	0	100.0	30. 3. 2017 16:50



Dials	Safety	Other
Type of service	Application assignment	Service routing
King of service	Entities	
Service category	Application	
Message log	Subject	
Message transmission type	Contacts	
Service call tracking points		
Processing phase		
Processing status		
Aggregation type		
Tracking record		
Message validation		
ESB envelope validation		

We know how to do it!



DELIVERY OF SPECIAL COMPONENTS AGRIBUS:



- Security element XML Firewall, which has the option of parametric definition of rules for filtering SOAP communication.

- loadbalancer software – deployed as a balancer for data center application servers.

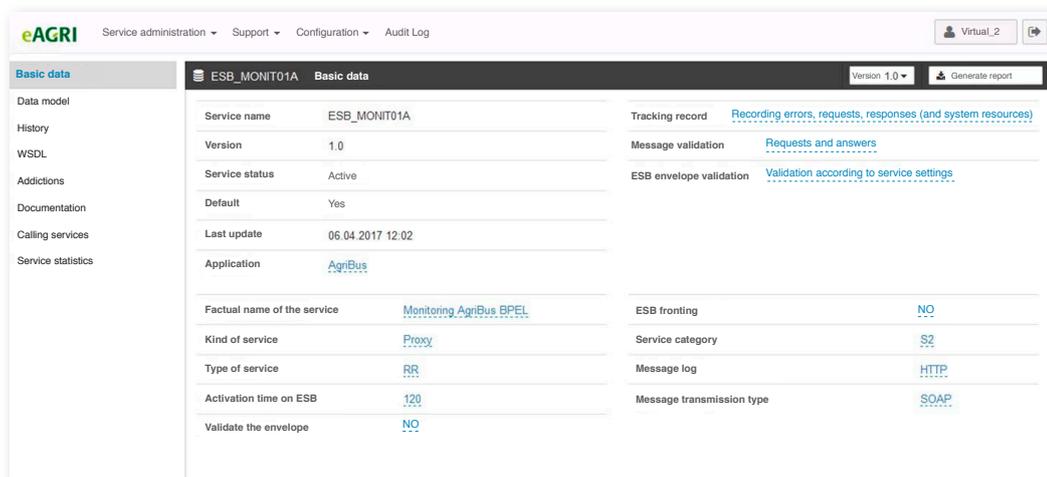
THE PORTAL PROVIDES SERVICES

- Documentation of individual integration services.
- Verifies service documentation for status the operating environment of the integration platform.
- Generates statistics on running and error rates of services, including data for capacity planning.
- Partial realization of the company OKSystem a.s. stores historical communications between all systems for possible traceability and evidence.



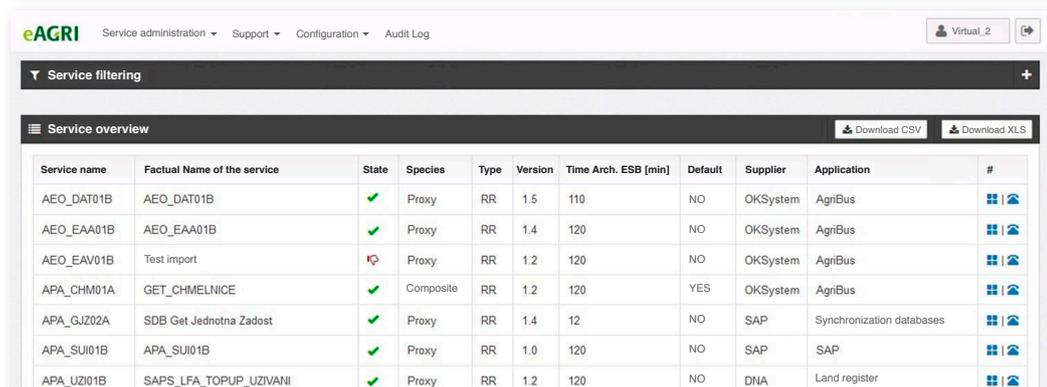
- Communication content up to 10 years back in the volume of higher TB units. It is possible to search freely among these data, which, among other things, supports the actual implementation of the data storage division (own database partitioning – it is implemented mainly with regard to the total cost of the client's database licenses).

In terms of operation, the implementation of the platform and the entire operation of all environments is fully implemented by an external supplier. However, the customer has a wide range of options for checking the functions and running of the entire platform, thanks to relatively extensive documentation and especially reporting, which is very administratively demanding despite all automation. Reporting relates mainly to the operation and automated evaluation of critical SLAs.



The screenshot shows the 'Basic data' section for the service 'ESB_MONIT01A'. The interface includes a navigation menu on the left and a main content area with various service details and links.

Field	Value
Service name	ESB_MONIT01A
Version	1.0
Service status	Active
Default	Yes
Last update	06.04.2017 12:02
Application	AgriBus
Factual name of the service	Monitoring AgriBus BPEL
Kind of service	Proxy
Type of service	RR
Activation time on ESB	120
Validate the envelope	NO
Tracking record	Recording errors, requests, responses (and system resources)
Message validation	Requests and answers
ESB envelope validation	Validation according to service settings
ESB fronting	NO
Service category	S2
Message log	HTTP
Message transmission type	SOAP



The screenshot shows the 'Service overview' section of the eAGRI interface. It features a table listing various services with their details and a download button for CSV and XLS formats.

Service name	Factual Name of the service	State	Species	Type	Version	Time Arch. ESB [min]	Default	Supplier	Application	#
AEO_DAT01B	AEO_DAT01B	✓	Proxy	RR	1.5	110	NO	OKSystem	AgriBus	
AEO_EAA01B	AEO_EAA01B	✓	Proxy	RR	1.4	120	NO	OKSystem	AgriBus	
AEO_EAV01B	Test import	✗	Proxy	RR	1.2	120	NO	OKSystem	AgriBus	
APA_CHM01A	GET_CHMELNICE	✓	Composite	RR	1.2	120	YES	OKSystem	AgriBus	
APA_GJZ02A	SDB Get Jednotna Zadost	✓	Proxy	RR	1.4	12	NO	SAP	Synchronization databases	
APA_SUI01B	APA_SUI01B	✓	Proxy	RR	1.0	120	NO	SAP	SAP	
APA_UZI01B	SAPS_LFA_TOPUP_UZIVANI	✓	Proxy	RR	1.2	120	NO	DNA	Land register	