



Reporting service system

System and infrastructure requirements

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1. aSIS client with an embedded database

RAM	Minimum:	Suggested:	Including operating system, without other applications
	8GB	16GB	
HDD	Around 15GB		Including operating system, without other applications. Depends on the number of taxonomies and archived reporting periods – one taxonomy requires around 25MB and one archived period around 1MB free space
Processor	Minimum:	Suggested:	Or similar
	Intel Core i3	Intel Core i7	
Other hardware	Minimum:	Suggested:	
	Network card 10Mbps; Resolution 1280x720 pixels	Network card 100Mbps; Resolution 1920x1080 pixels	
Operating system	Windows 7 or higher ¹		However, the application works on every system which supports Java 8
Additional software	Java 8		JRE is delivered with the application
Other requirements		Internet access	

2. aSIS client with a remote database

RAM	Minimum:	Suggested:	Including operating system, without other applications
	8 GB	16 GB	
HDD	Around 15 GB		Including operating system, without other applications. Depends on the number of taxonomies and archived reporting periods – one taxonomy requires around 25MB and one archived period around 1MB free space
Processor	Minimum:	Suggested:	Or similar
	Intel Core i3	Intel Core i7	
Other hardware	Minimum:	Suggested:	
	Network card 10Mbps; Resolution 1280x720 pixels	Network card 100Mbps; Resolution 1920x1080 pixels	
Operating system	Windows 7 or higher ¹		However, the application works on every system which supports Java 8
Additional software	Java 8		JRE is delivered with the application
Other requirements	Application should be in the same local network as the Oracle database	Internet access	

3. aSIS^t server – data processing system

RAM	Minimum:	Suggested:	Including operating system, without other applications. Memory requirements differ depending on the number of data processed simultaneously (number of parallel tasks).
	8GB	32GB	
HDD	Minimum:	Suggested:	Including operating system, without other applications. Depends on the number of taxonomies and archived reporting periods – one taxonomy requires around 25MB and one archived period around 1MB free space. Disk usage depends on the amount of processed source data.
	Around 500GB	Drive SSD Class ²	
Processor	Minimum:	Suggested:	Or similar
	Intel Xeon E3	Intel Xeon E7	
Other hardware	Network card 1Gbps		
Operating system	Windows 7 or higher ¹		The application works on every system which supports Java 8
Additional software	Java 8		JRE is delivered with the application

4. aSIS with a local Oracle database

RAM	Minimum:	Suggested:	Including operating system, without other applications
	8GB	16GB	
HDD	Minimum:	Suggested:	Including operating system, without other applications. Depends on the number of taxonomies and archived reporting periods – one taxonomy requires around 25MB and one archived period around 1MB free space.
	Around 500GB	Drive SSD Class	
Processor	Minimum:	Suggested:	Or similar
	Intel Xeon E3	Intel Xeon E5	
Other hardware	Minimum:	Suggested:	
	Network card 10Mbps	Network card 1Gbps	
Operating system	Windows 7 or higher ¹		The application works on every system which supports Oracle database
Additional software	Oracle 12g		The application is available on the Oracle website
Other requirements	The application should be in the same local network as the Oracle database.		

5. tranSIS Console

RAM	Minimum:	Suggested:	Including operating system, without other applications
	8GB	16GB	
HDD	Around 40GB		Including operating system, without other applications. Depends on the number of taxonomies and archived reporting periods – one taxonomy requires around 25MB and one archived period around 1MB free space
Processor	Minimum:	Suggested:	Or similar
	Intel Core i5	Intel Core i7	
Other hardware	Minimum:	Suggested:	
	Network card 10 Mbps; Resolution 1280x720 pixels	Network card 100 Mbps; Resolution 1920x1080 pixels	
Operating system	Windows 7 or higher		However, the application works on every system which supports Java 8
Additional software	Java 8		JRE is delivered with the application

6. tranSIS server – communication server

RAM	Minimum:	Suggested:	Including operating system, without other applications
	8GB	16GB	
HDD	Around 40GB		Including operating system, without other applications. Depends on the number of taxonomies and archived reporting periods – one taxonomy requires around 25MB and one archived period around 1MB free space
Processor	Minimum:	Suggested:	Or similar
	Intel Xeon E3	Intel Xeon E5	
Other hardware	2 Network cards 1 Gb/s		
Operating system	Windows 7 or higher		However, the application works on every system which supports Java 8
Additional software	Java 8, Apache ActiveMQ		JRE and ActiveMQ are delivered with the application.

7. tranSIS – database server

RAM	Minimum:	Suggested:	Including operating system, without other applications
	8GB	16GB	
HDD	Minimum:	Suggested:	Including operating system, without other applications. Depends on the number of taxonomies and archived reporting periods – one taxonomy requires around 25MB and one archived period around 1MB free space
	Around 500GB	Drive SSD Class ²	
Processor	Minimum:	Suggested:	Or similar
	Intel Xeon E3	Intel Xeon E5	
Other hardware	Network card 1Gbps		
Operating system	Windows 7 or higher ¹		The application works on every system which supports Oracle database
Additional software	Oracle 12g		

¹ For the reports with a lot of reported values, 64-bit operating system is required.

² The speed of data processing by the application depends on hard disk level of IOPS. The higher level of IOPS, the better application's performance