



## How to report data from SAP ...without SAP? —

### Ask the GEM System



Generation of reporting data in the system SAP is currently gaining more and more interest. SAP solution users are interested in reporting data, but it is not always a given that they will get the data in order, on time and according to their wishes. The implementation of data reporting requirements in SAP is often costly, slow and rather cumbersome. Clients using SAP solutions are dealing with user complexity and high financial costs for changes and customizations. On the other hand, Microsoft's Power BI software solution is becoming increasingly popular on the market. We can generate data from SAP solutions (retrieve and extract it) and with Power BI there is a right way how to be efficient in case of data generation from SAP.

Our IT Solution  
Will Impress You!



Power BI is becoming a popular solution thanks to the fact that it is based on the well-known and popular MS Excel and Power Query solutions.

GEM System is a supplier of solutions that can be used to retrieve data from the SAP system and prepare the needed Power BI reports. The result is the creation of a comprehensive Business Intelligence platform that is primarily designed to be easily scalable at any time and to allow the solution to be developed in the future.

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In the spirit of SAP's motto: Systems – Applications – Products in data processing, most clients want to get data from their systems quickly and easily without waiting or major complexities. The current reporting requirements that are changing on a daily basis in these days but users and

management want to change operatively. The GEM System can fundamentally help you with reporting data from SAP, making the whole reporting process easier and keeping the requirements cost-effective.



### Description of the situation and motivation of the client using the SAP solution

- The client company needs to handle reporting on its own data and one of the data sources is an SAP solution.
- The company would like to implement part of the reporting on its own.
- Licensing and implementation costs are an important decision factor.
- At the same time, the client does not want to be locked into the SAP solution ecosystem anymore.
- Management expects access to selected reports anytime, anywhere, even from mobile devices, but securely.



INTEGRATION AND  
DEVELOPMENT



BUSINESS  
INTELLIGENCE



SECURITY



ADMINISTRATION  
AND SUPPORT

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GEM System has prepared and implemented innovative solutions suitable not only for BI reporting but also for other purposes of data extraction from the SAP platform.

The GEM System solution is based on data pumps that export data unidirectionally from SAP to an external database – a data warehouse – tailored to the exported data. Thanks to the chosen approach, a minimum of SAP licenses are needed for operation in practice and the data is ready for further data processing. The data in this database are enriched by other external sources. These are text files in CSV or XLS formats,

data from other source databases of different platforms or, optionally, data from web services. Data from different data sources are deduplicated, unified and cleaned by using defined rules. The enriched and cleansed data is made available for BI reporting platform or direct access by the company's data analysts.

As a reporting solution, we choose one of the leaders in the field of reporting platforms, such as Microsoft Power BI or Tableau Software, which specializes in data visualization. Of course, other tools can be used according to the client's needs.



- This solution is open for use and further extension.
- Reporting reports are prepared over the exported data either by GEM System contractors or by the client company's own forces, key indicators – KPIs and metrics are defined.
- Data and data reports are accessible from web browsers as well as mobile devices.



For more information on data reporting options without SAP, please contact GEM System at the contacts above or via [www.gemsystem.cz](http://www.gemsystem.cz).

