



A top e-Gaming website had been operating successfully for years despite using manual database release procedures. However, they understood that this situation was far from ideal, and began the search for an automated solution. They found no acceptable answer – until they met DBmaestro.



## The Company

The Company is a large online gaming website with more than 4,000 B2B customers and thousands of employees. Their business generates over \$1 billion in annual revenue.

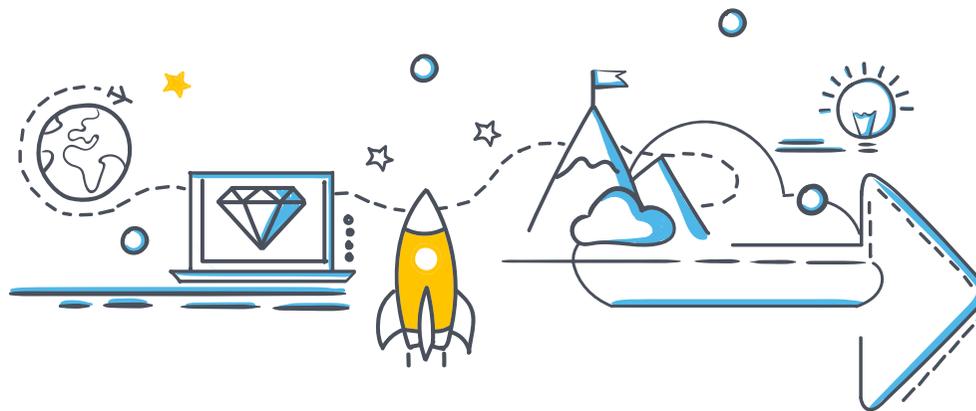
To power this level of operations, the Company maintains a very sophisticated business intelligence unit which utilizes ~20TB of SQL Server OLAP data warehouses running on three environments. Their data requirements span hundreds of file groups and thousands of partitions which are supported by a state-of-the-art, homegrown ETL system.

# The Challenge

Like many successful ventures, the Company's constant growth was both a blessing and a curse. In particular, the development team was handling database deployments as they always had – manually – and, as performance began to deteriorate, it was clear that a solution was needed.

To this end, the Company embarked on a search for tools to accelerate and automate their database deployments, but after several years, nothing acceptable had been found. In fact, no proposal made it past the initial stage.

For instance, one vendor asked for an infrastructure investment requiring a sum which was similar to the Company's entire production environment. Yet still, the Company could see that the vendor's software would not have been able to handle the relatively intricate schema of the Company's VLDB or align with the complexity of unusual objects.



# The Solution

DBmaestro was the first tool that the Company tried that achieved their goals, reached with minimum set-up and infrastructure expense. The DBmaestro team orchestrated expansive automation options to create a customized solution that succeeded where others had failed.

Instead of requiring significant investment as requested by a competing vendor, DBmaestro attained a superior performance level with a relatively moderate set-up of a Windows virtual machine to host the DBmaestro solution, and another small Linux virtual machine to host Jenkins.

Furthermore, despite DBmaestro's modest hardware and expense requirements, the DBmaestro team provided a wide range of client-specific features that delivered significant value, including:



Custom Jira triggering and Jenkins pipeline jobs to view, within minutes, change results delivered to UAT



Advanced packaging automation commands to capture scripts and relate them to a single Jira ticket



The transfer of standard schema validation to a parallel process so that multiple incoming developer changes would not hamper delivery to UAT



A nightly custom drift detection method which uses DBmaestro automation commands



Fail-forward methodology enabled by loosening rigidity of script pre-validation, which was key in a score-terabyte environment

# The Results



The overall result of DBmaestro's solution was an automated deployment process for crucial code items. DBmaestro was the only technology which could distribute code between several databases with dependencies. In addition to this enhanced ability to reliably increase the scale of database deployments, the Company also benefits from fewer errors between development and production and a reduced risk of database failure.

The Company is also looking forward to taking advantage of DBmaestro features that they had not made part of their RFP. For instance, the implementation of DBmaestro's security and policy control elements will help the Company to execute the user setup process as well as define and limit roles. Moreover, DBmaestro will enable better enforcement of package promotions to authorized users and even allow the auditing of these promotions.

To top it all off, the Company particularly enjoyed working with the DBmaestro team. From the beginning of the sales process, through implementation discussions and execution, to post-implementation service, the Company was consistently surprised by DBmaestro's responsiveness, creativity, speed, and quality of work. Finally, the Company estimates that the implementation of DBmaestro's solution will save the hours accruable to one full time development staff member on a yearly basis.

“It was pretty clear to us from the start that DBmaestro had the right database automation solution to fit our unique set-up. But what made our experience even better was their outstanding service before, during, and after implementation. We are completely impressed with DBmaestro’s performance both as a technology and as a service supplier.”

After a long search, this leading B2B e-Gaming website finally found the solution to handle database deployment automation in complex SQL Server OLAP environments. The success of their quest has been enhanced by a superior level of service.

## The Bottom Line:

Manual database deployments are a thing of the past as DBmaestro automation enables hassle-free development at scale!

