



**Are you absolutely certain that your new application does have the right performance before it goes live?**

**Do you know how many users your ICT environment can handle?**

Yvalidate is one of the solutions belonging to the Ymor Ketenbewaking™ suite. With our Ketenbewaking™ suite you can guard your business processes and optimize the quality, performance and availability of your applications.

Yvalidate is a unique solution which enables you to validate the performance of your applications and infrastructure and to trace performance and stability problems.



### **Risk Management**

Every application is liable to life cycle management which frequently causes changes, such as hardware alteration, software updates and infrastructure adjustments. You do not have any idea what the impact will be if modifications occur in your infrastructure or applications. Changes introduce the risk of incidents and disruptions. Before updates and changes are implemented Yvalidate can simulate the impact on the performance. In this way you prevent performance problems which otherwise may occur in the production phase. The risk of not having a performing or well functioned application will be reduced. Yvalidate offers you the possibility to manage this risk and exclude surprises related to the performance by implementing new or adjusted applications.

### **How do we measure performance?**

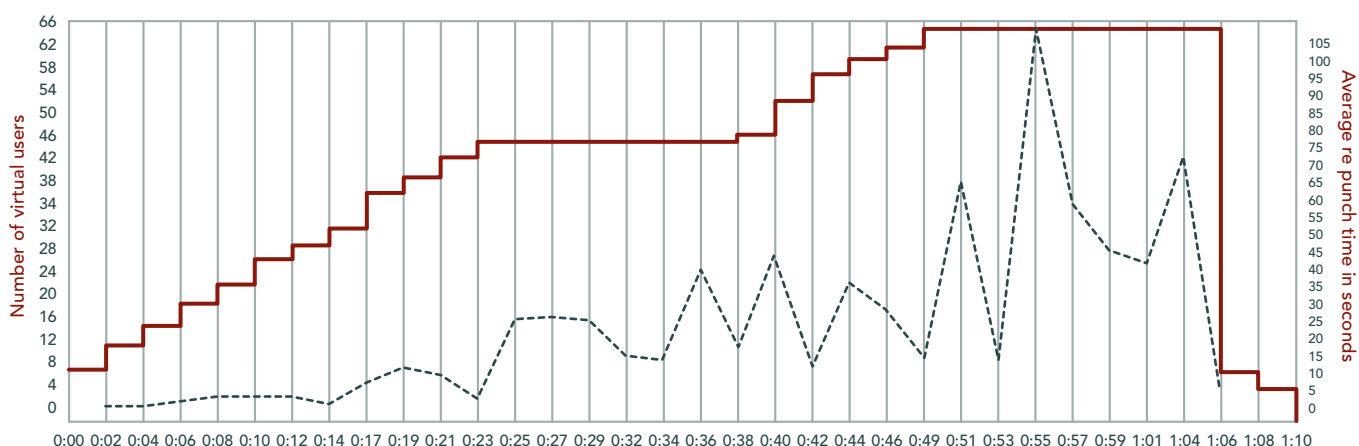
Yvalidate starting point is to determine your user profile. Together we will explore what the expected users of your application will be, which functionality they intend to use and if peak behaviour is to be recognized. On the basis of this we validate if your ICT chain/environment/infrastructure is able to handle the desired user profile. Our certified consultants use innovative tools which simulate users who perform different business processes. By measuring response

times will be measured and you will get a realistic perspective of the real performance in your production environment. Based on the response times reports will be created to advise you how you can improve the performance of your ICT chain/application environment. By solving problems and re-executing the validation, Yvalidate will aim you for the right application performance.

### **Insight view of stability problems**

When your ICT environment is utilized for a longer period, stability problems may occur. Having your application put through a specific load for several days stability problems can be tracked down. This happens by using an endurance test. During this validation system metrics and end user response times are registered so that in this way we can check if your application will generate the same performance over a longer period without having any stability problems. When problems occur we will work together with your IT specialists to discover/detect the cause of the problem.

Current number of virtual users of turned off against the average re punch time.



Expensive of validation (hour:min)

### Insight view of the performance of your application infrastructure

Yvalidate offers to validate the performance of new or adjusted/modified applications and infrastructure. In this way it can be checked if your applications and infrastructure perform according to agreed requirements. Any performance problems will be effortlessly and consequently registered and can be tracked down. In cooperation with your performance team we will subsequently find out which problems need to be solved within your ICT chain to deliver the right performance. When Yvalidate is not able to determine exactly what the cause of the problem is, Ymonitor and Ytune will provide you with/the solution.

### Insight view of peak stress

Another possibility of Yvalidate is to make an inventory of your applications meaning to allow peak utilization. This means you to have get an insight in how many users or transactions your ICT chain can handle. In order to do so Yvalidate uses a stress test. Your system will be stressed using simulated end users and the number of users will be increased during the test period. In this way it can be traced when your application is not available anymore and what the maximum stress of your application will be. Limits are exceeded in a controlled way to decide where and why it goes wrong. You will get a clear understanding which capacity your application can handle and which problems need to be solved to increase the capacity. These data enable you to set your capacity planning.

### Yvalidate advantages

- > Insight in your application and infrastructure performance.
- > Exploration of tracking down/tracing your application and infrastructure performance problems.
- > Risk management in relation to updates and modifications.
- > Insight view of your peak utilization.
- > Insight view of stability problems.

### Who are we?

Ymor is a pragmatic company that has built up a unique position in the field of performance management. Inside this focus area we are aimed of validation, monitoring, tuning and controlling of complex ICT-areas. Our specialist knowledge is for customers a surplus value during the software-development of the preproduction and the productphase. Ymor is a partner of HP and Symantec, softwareproducer of advanced performance managementsolutions .

Our consultants are focused on an optimum understanding of our customers. We realize this through the following steps:

- > A fast, flexible and focused way of working to the best results.
- > The use of innovation productpropostions.
- > Specialistic knowledge.

