

Information Brochure

Load balancing, keep alive checking and task scheduling for Microsoft Dynamics NAV



With IT IS control 2011, you can manage many NAV companies and databases simultaneously with just a couple of NAS now. This saves you license cost and improves the stability and overall performance of your NAV application



We create
Worlds on the
Web

IT IS AG
Postfach 3141
84037 Landshut

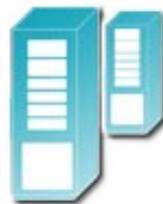
Germany

+49 8703 9069 0
kontakt@itis.de

IT IS US
Tower 1660, Suite 906
1660 South Albion Street
Denver, Colorado 80222
U.S.A.

+1 303 758 2882
contact@itis.de

www.itis.de



Make load balancing and stability for the NAS an easy effort

IT IS control 2011 greatly enhances the handling and functionality of the Navision Application Server (NAS). Now you can use just a few NAS to manage several “companies” in Microsoft Dynamics NAV. You get there with the help of IT IS control 2011. This approach reduces licensing costs and improves stability, manageability, and performance of the overall application. The single point of failure can be eliminated.

Many customers encounter the situation where they would like to have one NAS serving multiple companies. In particular, when portal solutions or other communication scenarios shall have access to Microsoft Dynamics NAV (formerly Navision), the ordinary approach requires one NAS for every company or database, so you needed to obtain a license for each dedicated NAS.

Also the NAS often stopped running, not necessarily because of this piece of software itself, but often due to an implementation of NAV business logic that “forgot” to manage the situation of message boxes correctly. Simply put, the NAS cannot answer “yes” or “no”, because of his automation controller nature. Hence he is waiting forever, and is unable to resolve further messages. With the IT IS control, the NAS is gracefully restarted, and will operate again.

Also, load balancing is a great benefit from the usage of IT IS control. If configured appropriate, the pool of NAS will act almost simultaneously, channeling much more information in and out.

A new approach is there as IT IS control now can make the NAS run every code unit at a time scheduled beforehand. With this concept, it is easily possible to make batch processing of postings, reports, and other jobs.

Last not least, IT IS control has now an enhanced secure communication built in, where information, that is sent between back end and front end will be digitally encrypted with a 1024 bit public private key (PKI) data exchange method. This gives peace of mind for you and avoids the need for setting up virtual private networks.





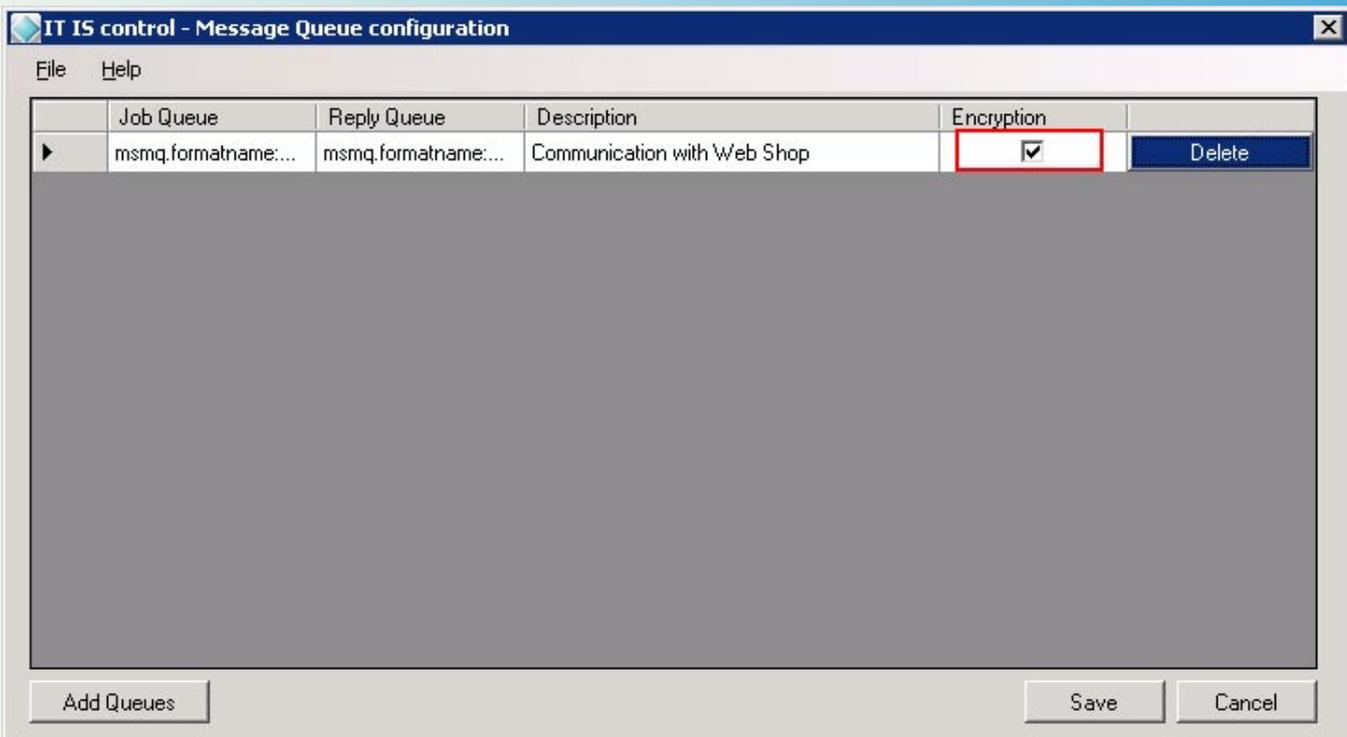
Secure transmission of data over the Internet

With IT IS control 2011 you can securely transmit data between front end and back end over the internet, even without the use of virtual private networks (VPN). This is possible with the encrypted form of the Microsoft message queue (MSMQ) communication for enhanced security.

Consider this particularly useful, if you run a scenario, where parts of the architecture of your web portal are cloud based or hosted. Whenever your servers are located in different networks, it is crucial to have a save communication. With the 1024 bit asynchronous encryption algorithm, which IT IS control uses, your data travel safe on their trip through the internet.

Running encrypted data streams is straight forward: you configure the regular key exchange supported with the IT IS configuration tool first.

At this stage, IT IS control is not yet involved in the communication. After the regular key exchange has run, you export the derived public/private key information from NAV and import it into the IT IS control configuration database.



With IT IS control 2011 you decide, which request for the NAS (Navision Application Server) is encrypted.



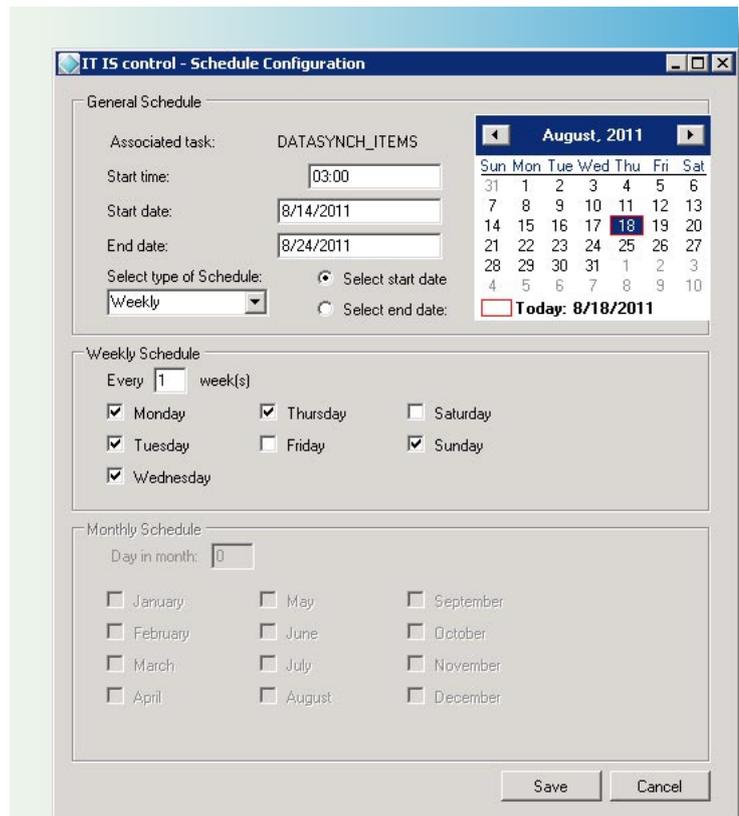
You will gain a huge amount of productivity and save time with the task scheduler in IT IS control 2011:

The IT IS control service can now process tasks in NAV (for example: automated mailings, report generation, batch postings) based on a configurable schedule. You can decide to start the task processing either on daily, weekly or monthly bases.

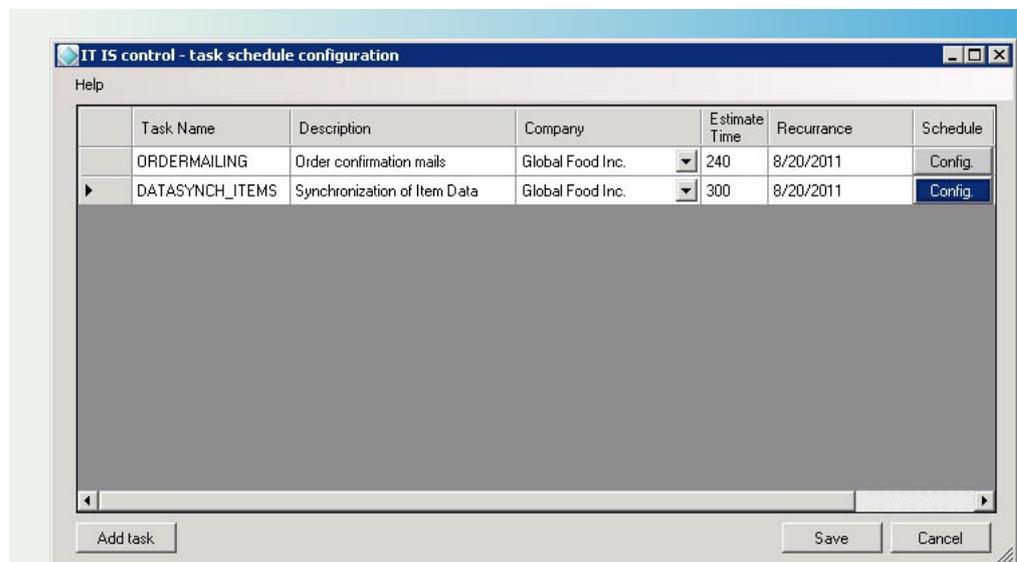
To process the task, IT IS control chooses one of the available NAS from the NAS pool. It also takes the current traffic from other tasks (like the front end communication) into consideration and redirects the communication to other NAS while the task is processed.

Thus the tasks are processed in NAV with the least possible impact on the NAV system itself. The communication bandwidth with your IT IS enabled web portal would improve overall since there would be one extra NAS during the other times .

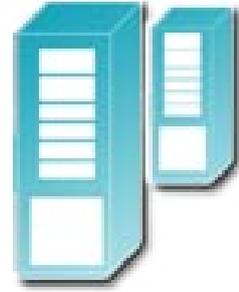
However, you do not need to have a dedicated NAS for the task processing. IT IS control 2011 is picking the most feasible NAS from the pool. IT IS control also has a queuing functionality for the web.



Task configuration with scheduling the task.



Creation of tasks with the task schedule configuration in IT IS control 2011.



Information brochure

for stable and secure solutions with Microsoft Dynamics NAV



IT IS control 2011 for Microsoft Dynamics NAV is only available via qualified specialized trade

Ask your Microsoft Dynamics-partner, to get the benefits of this stunning product

Do not hesitate to contact us.
Contact us via contact@itis.de or just phone us.

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IT IS AG
Postfach 3141
84037 Landshut

Deutschland

+49 8703 9069 0
kontakt@itis.de

IT IS US
Tower 1660, Suite 906
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+1 303 758 2882
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