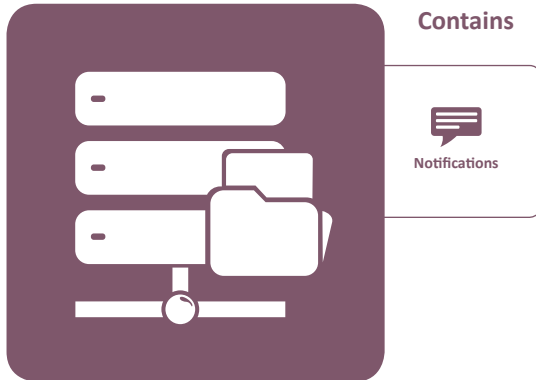


Qguar DAS

Database Archive System



The speed of IT systems expansion in various business areas forces companies to apply more and more efficient hardware. One of the factors is an enormous growth of database information. Over time, the vast amount of data stored in the production database leads to reduction of performance of the system itself. On the other hand, archiving of data on static carriers is not the optimal solution as it impedes access to archived data, which are more and more frequently required for advanced historical analysis. QGUAR DAS helps to resolve these problems. The system allows regular data archiving during production system operation on a separate (much less efficient) server with precisely specified time intervals, which are archived. The archive database is a fully functional base for a particular Qguar system, so a user who wants to access the archived data can log in to it at any time. The system allows to regularly archive operational, technical and basic data without interruption to the production system. The solution helps to maintain constant volume of production bases, enhances their stability and productivity, and reduces production server extension costs.

System advantages

- regular data archiving management
- production base optimal size maintenance
- production base stability and constant performance
- reduced production server expansion cost
- shorter downtimes during server upgrades

Use

Qguar DAS can be used in companies of any size that own a set of Qguar operational databases. However, the system will bring the greatest benefits in the companies that are dealing with large increase of production database data. It is also ideal in situation where it is necessary to maximize production server efficiency. The system will allow this by maintaining constant volume of production bases. Companies that conduct advanced analyses of historical data are also ideal recipients of Qguar DAS. Conducting complex and time-consuming queries to databases located on the archive server will relieve the production server and increase its efficiency during daily operational activities.

Functional scope

Qguar DAS offers the following functions:

- automatic transfer of the archived data into the database
- cyclic copying of operation and administrative data
- cyclic or forced basic data synchronization
- data storage period definitions
- basic data forced synchronization definitions
- archiving during whole production system operation

Overview of basic system features



Data archiving



Cyclic copying of operational data



Basic data synchronization



Defined archiving periods



Optimal size of the production base



Database stability and efficiency



Reduced server expansion cost



Shorter downtimes for upgrades

