



# **dbWatch Control Center**

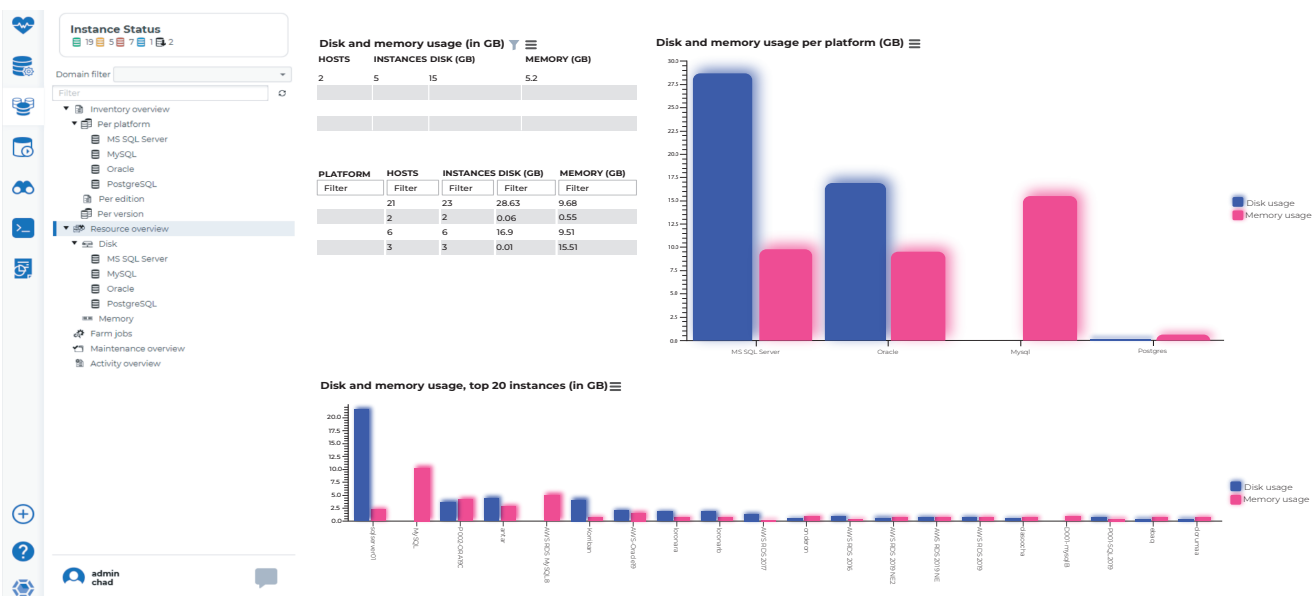
**Solutions for Monitoring and  
Managing Database Servers**

# dbWatch Control Center – Database Farm Management Solution

**dbWatch Control Center** is a complete database monitoring and management solution for databases. It provides automated monitoring, keeps track of different performance metrics, and analyzes performance and resource trends across your database farm. It generates key performance reports for management and end-users.

It allows database administrators to manage large database farms of different platforms with a minimum time and effort, and at the same time offer the flexibility, scalability and functionality required in enterprise environments.

dbWatch Control Center gives IT managers, DBAs and Developers the complete overview and tools to manage resources optimally, plan and produce all reports and statistics needed for internal reporting and planning.



Designed from the ground, dbWatch Control Center meets the challenges of today's service providers and IT departments. It helps them face the challenge of managing a large number of old legacy and new database server instances running on multiple platforms and versions. The distributed architecture is designed to be maintenance-free as possible, scale from monitoring a few instances to managing thousands, automate all routine tasks, provide full resource overview, and control and make the DBA's as efficient and productive as possible.

# dbWatch - your database monitoring partner

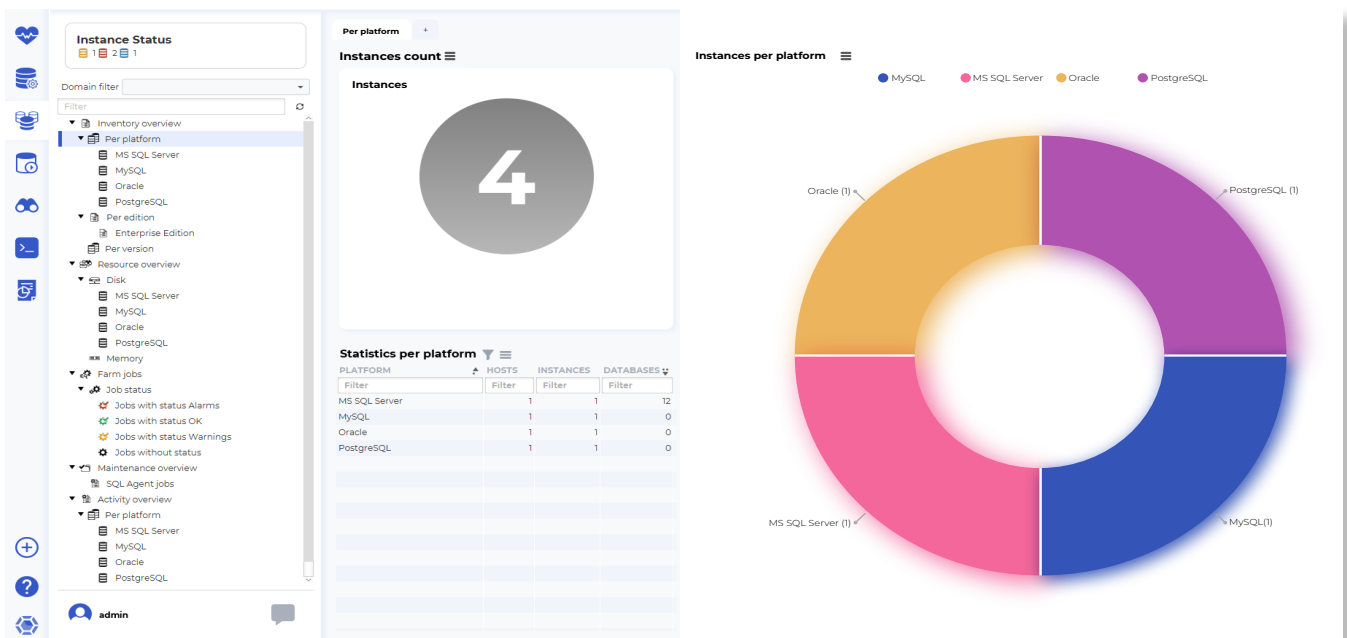
**dbWatch Control Center** provides the insight and analysis required by managers to plan, report, consolidate and optimize hardware usage. Fewer tools mean less cost and time spent on tools and training. By optimizing resources and making DBA's more efficient, costs are kept under control. Full insight and control reduce risks for unwanted service interruption or degradation and simplifies and improves reporting.

Database monitoring and management solution for your:

- ◇ SQL Server
- ◇ Oracle
- ◇ PostgreSQL
- ◇ MySQL
- ◇ MariaDB databases.

Functions include:

- ◇ Manage database farms
- ◇ Automate monitoring and maintenance jobs
- ◇ Proactively monitor and diagnose any issues before it becomes a serious threat to your system



# What dbWatch Control Center offers

## Cross Platform Monitoring



dbWatch Control Center handles most major database platforms such as Microsoft SQL, Postgres, MySQL and Oracle, on-premises or in Azure or AWS.

## Automated Monitoring



Database jobs captures database status and performance data, memory information, back-up information, and other database-related information. Fully agentless, the dbWatch server handle all scheduling and information collection.

## Database Monitoring and Management in a single window



Access your database's information and modify its configuration in the same window. Perform database tuning, and backups in the Management module. Drill down flagged issues and fix them on the fly without the need of executing an SQL statement.

## Customizable Farm Views



Monitor any number of instances in a single global view. Personalize your dashboard displays as you see fit. Have a complete overview of your entire database farm database system.

## Report Generation



Generate daily or weekly reports for managers. Produce reports on the fly. Customize reports based on your organization's needs. Schedule automatic report production and distribution.

## Chat System



Enable communication with other DBAs to notify them about existing issues and tag existing tasks you're working on across the database farm.

# Functional Modules



## Monitoring

The Monitoring module provides a wide range of monitoring tasks and alerts. Tasks provide statistics and growth rates for your database, which allows for better planning and performance analysis of how your system is behaving.



## Management

The Management module provides an administration GUI for the day-to-day administration DBA work. Role-based access control defines what tasks the user may do on any instance.



## Farm

Farm module gives you an overview of all your monitored instances. Group monitoring can be done per platform, per version, job statuses and many more. Farm module also provides resource overview for your server's memory and disk memory.



## Worksheet

The SQL Worksheet is your handy SQL Editor. Write SQL queries in your database's native language and execute as ad-hoc queries or stored procedures. Save and load them for future use. Use multiple tabs to execute queries in multiple instances.



## Autodiscover

Autodiscover module automatically finds new database instances in a defined network range. You can freely set schedules and network range(s).



## FDL Console

With FDL Console, you can customize or create farm views and dashboards. FDL is a powerful query language to query multiple instances and platforms and build custom dashboards and views.



## Reporting

Report module is a powerful reporting tool that lets you automatically generate and distribute reports in html or pdf formats to designated recipients. Report module comes with standard DBA reports for each platform.

# What dbWatch Control Center offers

**dbWatch Control Center** is available on a subscription basis.

Subscription term is normally 12 months and includes all features you normally

need – software Right-to- Use (RTU) license, maintenance, upgrades and standard support.

A subscription covers the use of dbWatch Control Center software for a term of one year, a subscription grants you access to dbWatch standard support and to the latest features and package updates of the software.

## License types available:

- Regular license for a single node (production)
- Regular license with cluster support (production)
- Test or Development license (no maintenance jobs or cluster support)

Subscriptions will auto renew at the end of the subscription period.

## I have a two node SQLServer fail over clustered instance configured, how many licenses do I need to monitor the cluster?

You need **two (2)** (Regular license with cluster jobs) for the active and the standby node. This is also applicable to Always On High Availability Groups

## How do you license Oracle container and pluggable databases?

For full monitoring you will need a license for the container, and one extra license per pluggable database. This is under the type - regular license with cluster jobs.

An example: if you have 2 container databases and 5 pluggable databases, you will need a total of **seven/7 dbWatch Control Center licenses** to monitor those Oracle container/pluggable databases.

## Can I use a regular license on node in a cluster?

Yes. But you will see it as a standalone node, and not be able to see the cluster status or any other action or status associated with the cluster.

For platform specific features and details, please see the product sheet for the platform:

- Microsoft SQL Server
- Oracle
- MySQL
- PostgreSQL
- MariaDB
- Sybase

# Software and Hardware Requirements

## Architecture Components

## Recommended Minimum Requirements

### dbWatch Server

- Supported Operating Systems: Windows and Linux • Server (VMWare virtual server supported)
- 8 GB of RAM
- CPU cores
- GB HD space available

### dbWatch Engine (Per instance)

- 500 Mb free space in each database instance
- Bulk install for large database environments SA, SYS, or other super user password required for each engine installation

### dbWatch Client

- Windows and Linux operating system for use with graphical interface
- 10Gb Memory
- 500 Mb hard drive space
- Java support
- Client-Server communication requires a single port only

## About dbWatch

**dbWatch** was founded in 2001 by leading database experts in Oslo, Norway.

From the beginning, dbWatch have developed and delivered database monitoring solution to customers in Scandinavia, Europe, and North America. Combining deep database expertise with top software developer talent has allowed dbWatch to create a complete and optimal solution for monitoring and managing large enterprise database server farms.