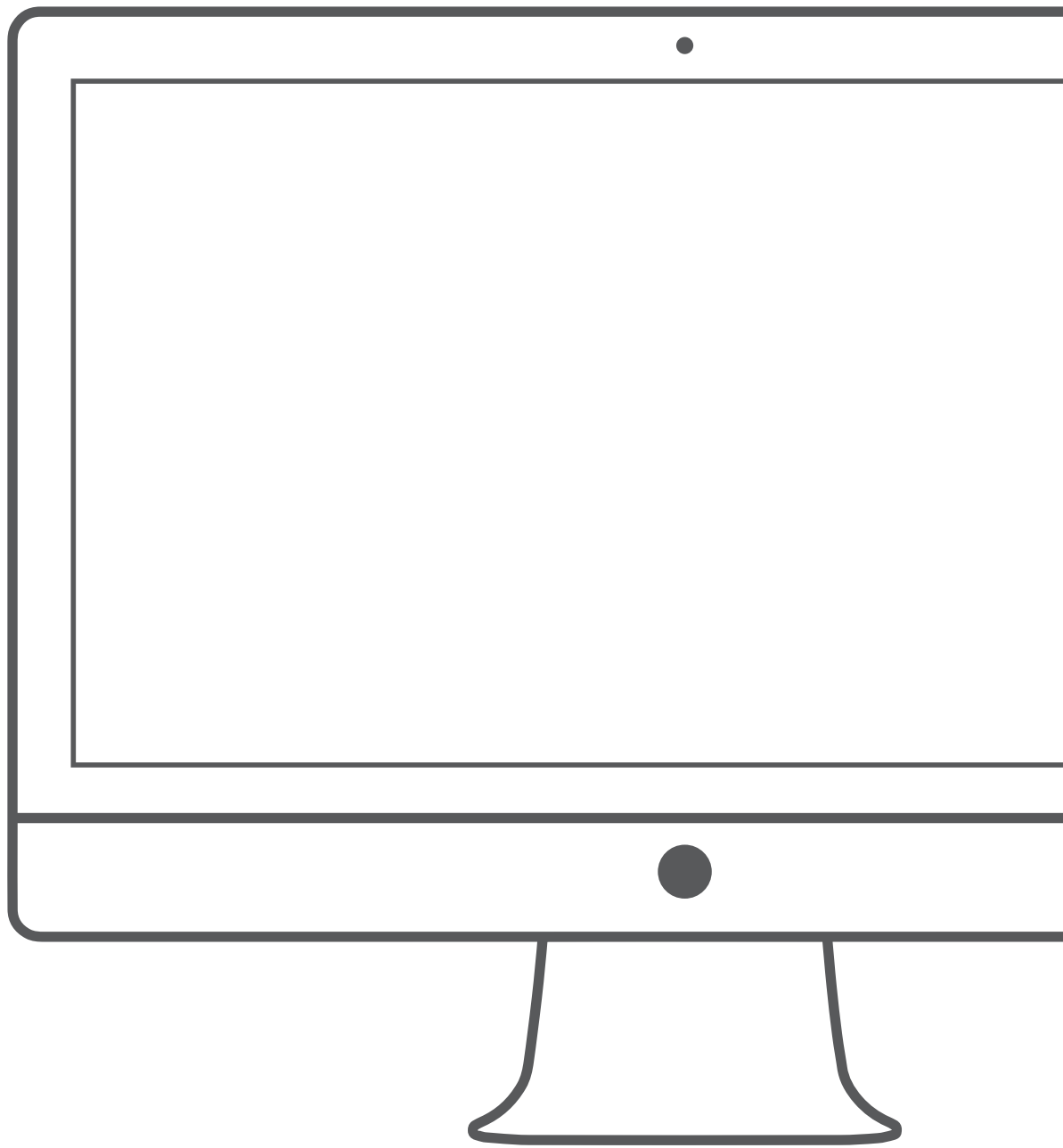


# Detecta SQL Server Monitoring Solution

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# Detecta SQL Server Monitoring Solution

## Abstract

Detecta's SQL Server monitoring solution provides a cloud based, scalable, eyes on glass tool that allows team members from all levels of an organisation access to data related to their SQL Server Environment. Detecta provides the ability to apply alerts and notifications to your environment based on parameter thresholds that you can configure. Our SaaS (Software as a service) pricing model provides a cost effective fully featured Enterprise grade monitoring tool for our customers.



## The Problem

Databases are the most important component of any organisation's IT environment. They hold critical data on which a company operates from Accounting and financial systems to Inventory management and sales systems and hundreds of other applications. It doesn't matter whether you are a small business with 1 or 2 key database repositories or an Enterprise environment with 1,000+ instances, they remain critical to the ongoing success of your business.

Enterprise database products like Oracle, Microsoft SQL Server and DB2 are widely used as the database tools of choice that support many business's data storage requirements. These systems are big and complex.



With complexity comes inherent risk associated with stability. Most organisations running Enterprise DBMS (Database Management Systems) like those above will have in house teams of database administrators (DBA's) or partners that offer DBA services looking after their environments.

To allow visibility of these environments and the issues that may arise from time to time, many DBA's will have written custom scripts that report on selected parameters within the environment. There are some inherent problems with this type of ad hoc monitoring:

- Scripts may be flawed or inconsistent
- Scripts may work well for one DBA and not for another
- Alert configuration and associated notifications will be fairly limited
- Effort required to interpret the custom scripts will be significant

The last point is the most telling. For a large environment checks on alerts can take multiple hours each day to perform. Much of the time expended is spent closing alerts that are either no longer relevant or raised in error.

When issues arise having access to historical data that can be analysed and interpreted by support teams is key to quick accurate resolution of the problem. Where custom reporting, or, in the worst case scenario no reporting is available from your monitored environment diagnosis is slowed down. With the slow resolution is a tangible increase in the cost associated with the problem.

This is more evident when a company relies on 3rd party suppliers for their DBA expertise. The time it takes a support team to be engaged and to then try and identify what may have caused a particular issue is extended multiple times when there is no reporting available.

## History

In an effort to address the problems associated with managing Enterprise DBMS environments, commercial monitoring solutions have been developed. There are a small number of these that offer Enterprise level monitoring and reporting, all of them requiring installation within an organisations internal network on a dedicated server.

In Premise monitoring tools require a significant investment in infrastructure as well as the associated licenses to use. They do however address the problem associated with an organisation having custom script monitoring or no monitoring available.

## The Solution

With the arrival of high speed internet connections and low data and bandwidth costs the advantages offered by Cloud based software as a service (SaaS) offerings have become significant.

In most business environments change is constant, the days where you purchased licenses for all the software you may use rather than the software you actually use are gone. The SaaS model allows you to adjust your license requirements to suit your business needs, allowing you to pay for what you use.

Cloud based offerings allow you to grow your environment (or shrink it) as your requirements change. The servers on which the cloud based application run scale to suit your demand (CPU, Storage and Memory), meaning performance is maintained.

Data transfer rates have decreased significantly and as a result the roadblock that used to restrict online SaaS applications to only those that transferred minimal amounts of data have been removed.

## Call to Action

Detecta's SQL Server Monitoring tool is a game changer for anyone interested in maintaining the integrity and availability of their SQL Server environments.

Detecta is a true cloud based SaaS offering allowing organisations to tailor the number of environments they monitor to meet their needs. Plans can be changed, increasing or decreasing capacity as required.

Detecta is a single solution that provides functionality suited to the various user requirements within an organisation. The dashboard provides an overview of the entire environment including:

- License information
- Uptime
- Alert notifications
- Open Alerts
- Unstable environments
- Problematic environments

The dashboard – and associated functionality is available via the internet. Once an account is established, an organisation is able to access their dashboard via a secure portal. Being web based there is no restriction on the number of users within an organisation able to use the tool.

Detecta delivers intelligent alert management, the ability for the system to proactively close alerts that are no longer valid. Intelligent alert management means your DBA's or contracted support teams are not wasting time tracking down alerts that no longer pose a threat.

Detecta's comprehensive historical reporting provides access to data that assists in identifying root cause of database issues. The reports display historical data over user defined periods of time, allowing trends to be seen.

Detecta's SQL Server Monitoring solution has changed the Enterprise SQL Server Monitoring landscape. You can enjoy the benefits immediately.

Simply register on [www.sqlservermonitoring.com](http://www.sqlservermonitoring.com) and you will be provided access to your own custom dashboard in minutes.

Detecta offers an unlimited 30 day trial so you can put it through its paces – you won't be disappointed!





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