



How CIOs Can Reduce Database Administration Costs

Vendita



Regardless of what industry you're in, executives are continuously looking for ways to reduce costs while also searching for new solutions to on-going challenges. For CIOs in today's economic climate, prioritizing your business spending can significantly benefit your company and employees long-term.

When looking into your professional ecosystem, there are many areas where reducing costs may feel overwhelming. This E-Book will explore and highlight three areas where CIOs can reduce their database administration costs.

▶ Reduce Costs with Tool Consolidation

Tool consolidation refers to pivoting from your company's current platforms and systems used for singular tasks to tools with broad functionalities. If you have a complex database infrastructure, it can create unnecessary costs in the form of point solutions, making this an excellent area of focus where Vendita MAS can help CIOs reduce spending. When it comes to database administration in the technology industry—simplicity is the best practice.

Here are some examples of this in your day-to-day work environment:

- When managing multiple databases, an employee is entering data several times into different applications. This leads to an increased chance of human error.
- The employee using many different point solutions and manually entering data is spending a large amount of time that could be reallocated to more high impact projects.
- Your business may also struggle to integrate and maintain these siloed systems which can wreak havoc on your bottom line if you need to hire extra employees or add supplementary costs to have these programs run interchangeably.

The most cost-effective solution for CIOs is to invest and implement database automation software that can be used across all environments. In other words, the MAS single-pane-of-glass, this is tool consolidation at its finest. MAS enables a DBA to monitor and automate process in Microsoft SQL Server, Oracle, MariaDB, PostgreSQL and MySQL at the same time from one screen. One tool. One screen. Five databases.

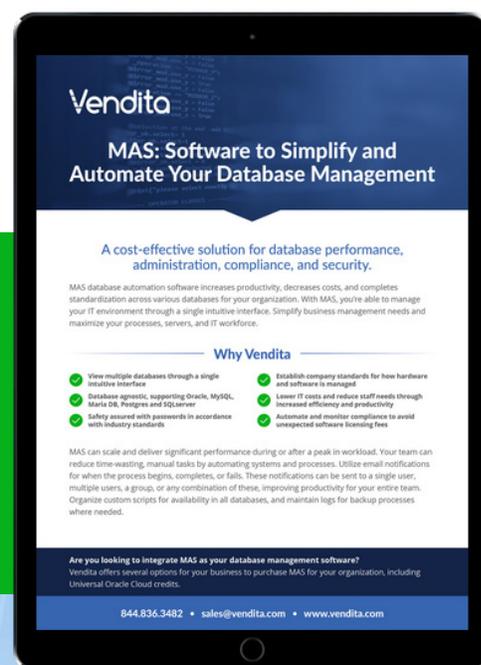
Additionally, investing in a software that simplifies your database administration needs will also maximize your payroll value as additional support personnel for single use applications are no longer needed.

Recapping benefits of tool consolidation through MAS:

- Reduced costs and increased scalability
- Align and accelerate business initiatives
- Optimize operational efficiencies
- Reduce human error
- Simplification of complex environments

Looking to increase productivity, reduce costs and achieve standardization across all popular databases in on-premises, cloud and hybrid environments?

Download our sales lit to learn more about how MAS can help.





▶ Remote Roles Are Essential Today

This year has emphasized that certain aspects of work can change for the better. One example in particular that has become abundantly clear across many industries is that remote work is not only possible, but it is also powerful for growing revenue. According to an article from [CNBC](#), throughout 2020, tech companies have been working remotely and performing better than usual. If your organization hasn't adopted virtual work as part of your business plan—particularly in the tech industry—now may be the time to consider it.

If your workforce has gone remote, the MAS query wallet and credentialing abilities are invaluable.

The query wallet enables importing, running and saving of custom, ad-hoc scripts. This enables a company to maintain the integrity of their intellectual property, but more importantly (this speaks to resource empowerment as well) enables a remote employee, who may not have familiarity with a certain process or database platform to perform administration tasks without skipping a beat. Even from home, a DBA can run necessary processes without issue.

Regarding MAS' credentialing abilities, it is another enabler of seamless remote work. MAS lets admins grant access and abilities to individual users or groups of users as needed with the click of a button. If your IT department is working from home and certain users need access to specific areas or processes they are easily granted and restricted as needed.

Finally, a development that has helped to assist the remote work movement is more and more organizations using cloud technology such as Microsoft Azure, Oracle OCI or Amazon AWS. MAS is able to migrate database objects to Azure from on prem and back again. Additionally, it can manage Maria DB, MySQL, Microsoft SQL Server, Oracle and PostgreSQL if even if they are running in any of the aforementioned cloud platforms.

Remote work is no longer a perk but a standard. *According to the third annual “[Future Workforce Report](#)” from [Upwork](#), 73% of all teams will have remote workers by 2028.*

As a CIO, how does remote work play a role in reducing database administration costs?

- If you can fully integrate your team into a remote setting, you cut office space costs, which can be a company’s most considerable expense. To keep up with changing times, this will positively alter your business’ bottom line.
- For tech companies, cloud migration has helped reduce database administration expenses because they save money on costly equipment that is no longer necessary.

It has never been easier to migrate your team to work remotely and reap the major perks that come with it.

MAS, our proprietary database automation software, allows you to migrate data and database objects from on-prem to Microsoft Azure and back again. Within AWS, Azure and Oracle OCI manage databases through direct connections. **Request a demo to learn more about cloud migration as a step toward a fully remote team.**



▶ Resource Empowerment to Close Knowledge Gaps

Any organization is only as good as their staff, this being the case, your IT talent is the most important element of your tech environment. Because of this, it's essential to provide employees with the tools they need to perform their job functions efficiently. The introduction of innovative and intuitive technology systems can support and enhance their knowledge within their industry, closing potential knowledge gaps between senior executives and mid or even junior-level staff.

Software like MAS gives DBAs access to software containing pre-loaded processes and scripts for various platforms. In short, workers can complete more tasks across more databases, including platforms that they may not be familiar with. For example, if an organization has a DBA on staff who is only familiar with MariaDB but is being asked to perform an Oracle RMAN backup, MAS saves the day. Because of MAS' preloaded solution pacs the Maria DBA can perform the RMAN backup by simply clicking a button to execute a pre-loaded process. As a result, this increases efficiency and expands the scope of work staff members can perform. Your company can reduce or remove expensive training costs when new IT professionals join your team, or even reassign capital earmarked for staffing to higher impact projects.

Aside from supporting your current team, providing groundbreaking technology resources will remove the need for highly specialized professionals. As a CIO, you have the ability to make the most of the talent within your organization rather than seek specific—and potentially costly—support outside of your current network.



Using a single intuitive interface, MAS streamlines monitoring and maintaining a database environment, focusing on automated solutions to empower employees. Vendita's solution provides script tracking for re-usability to help with workload balancing.

Your team can utilize email notifications when the process begins, completes, or fails, similar to an automated desk ticketing system. These notifications can be sent to a single user, multiple users, a group, or any combination of these, improving productivity for your entire office. Users also have the ability to organize custom scripts for availability in all databases and maintain logs for backup processes where needed.

Automating systems using digital solutions reduces costs and improves the quality and quantity of work completed daily, which can lead to your team meeting their revenue goals quickly and effortlessly.

Companies That Adapt Will Remain Resilient and Reduce Costs

Technology continues to serve as a resource for providing solutions for companies. In a time where reducing costs remains a top priority for CIOs and other executives, leveraging digital solutions is the most cost-effective route you can take. Three areas of focus lie in consolidating tools, capitalizing on remote work, and closing knowledge gaps. Investing in software like MAS can take your business to the next level in scalability and profitability.



Are you looking to integrate MAS as your database management software?

Vendita offers several options for your business to purchase MAS for your organization, including Universal Oracle Cloud credits.