

When it comes to hosting your Microsoft Dynamics 365 Business Central data, you've got a few options. The *right* option is the one that works best for your specific organization. With this in mind, it's important to note that there are a number of reasons that the right choice for your organization would be an on-premises deployment, even one hosted with a third-party organization.

Control Your Performance

SaaS instances auto-scale after an estimated one hour of sustained consumption, but managing your infrastructure directly allows you to set your expected scale, and pro-actively respond to demand.

Retain Your Data

With SaaS, database backups are only kept for 30 days; with an on-premises solution, you can retain as much data as you need with the right storage.

Choose How to Capitalize

An on-premises deployment allows you to purchase your deployment in a way that makes sense to your organization, either as an operational expense or as a capital expense; with SaaS, your only option is as an operational expense.

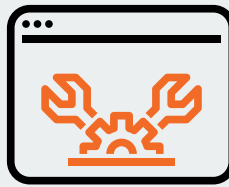
Complete Control Over Environment

When you host your solution on-premises, you have complete control over your storage and performance.

Advantages to On-Premises Deployment



Performance and scalability capabilities that you can control directly, as needed.



Control your maintenance, security, and update schedule to ensure your work is uninterrupted.



Better value storage by providing lower cost for higher performance compared to SaaS.

On-Premises Hosting with Tigunia

Superior Uptime

Get superior connectivity with a 99.99 percent uptime, totaling less than an hour of total downtime over the course of *an entire year*, and nearly 90 percent less downtime than that guaranteed by SaaS's SLA.

Easy, Secure Access from Anywhere

On-premises allows you to access your data from anywhere with Private Cloud hosting.

Better Add-on Storage Options

If you have large amounts of data, the included storage and performance in SaaS may not be enough for you, and add-on storage in a SaaS solution can cost as much as an entire on-premises implementation.

Keep Control of Your Data

Exporting data from a SaaS solution is extremely complicated and time-consuming, but with an on-premises solution, you remain in complete control of your data at every step.

Customized Applications

Host customized applications on the same servers on which you host your solution on-premises.

Control Your Rate and Connection Limits

Whereas SaaS has specific rate and connection limits, an on-premises deployment does not, as it can be scaled *based on your needs*, functionally and indefinitely.

Implemented by Tigunia's Experts

When you partner with Tigunia, you don't have to implement an on-premises deployment by yourself - we do the heavy lifting for you. Additionally, you have 24/7/365 access to our world-class Network Operations Center.

Digital Transformation

On-premises deployments allow for a greater level of flexibility compared to deployments hosted with SaaS. In fact, you even have the flexibility of choosing your cloud provider, either a private or public cloud. The term *on-premises* does not necessarily mean it needs to exist in your own facility; you also have the option to host it with a third-party provider. In other words, you can have your cake and eat it too.

With greater options in custom-built on-premises deployments, you can create customized applications and host those applications in the same cloud environment as your deployment with .NET Standardization. Operate beyond the connection and rate limits that are present in SaaS deployments with Azure. Get the flexibility and performance you need, with more features and greater security, at a competitive price point.

Frequently Asked Questions

Do you have to be on SaaS to use Azure AD Authentication?

No, you do not have to be on SaaS to use Azure Active Directory. You can use this for both on-premises and SaaS deployments.

Are there any limits to Power Platform while using an on-premises deployment?

You can use Power Platform without any limits, and that includes Power Automate and Power BI.

Is read-write data with an Excel add-on available when using an on-premises deployment?

Yes; although disabled by default out of the box, this is a powerful feature that can be configured post-installation.

Can you still do API integration?

Yes. This is configured with your own custom Uniform Resource Identifier (URI), which is different than the default URI that Microsoft provides for SaaS environments. This means there is even greater control in your hands.

Are there any limitations to on-premises or SaaS API integrations?

On-premises deployments have no functional limitations. It's only a matter of resource-scaling, while SaaS deployment are rate limited.

Can you do label printing, and do you have to use universal print?

Yes, you can do label printing. You can use any number of cloud printing or traditional solutions.

Can I use perpetual licenses with SaaS?

No, you cannot.

Doesn't an on-premises solution cost more?

Depending on your needs, costs can be higher for on-premises or SaaS. Often, an on-premises deployment can have additional costs for your compute resources. However, depending on how much storage you will use, the size and scale of your users, the instances you will need, and the integrated services that you will need, which can all experience linear cost scaling, there are times when on-premises deployments can cost less. In short: it depends.

Can I use both SaaS and on-premises at the same time?

Yes, if you have a subscription license, you can have an on-premises deployment and a SaaS deployment in what Microsoft refers to as hybrid mode.

If I'm worried about my data backup, why should I choose an on-premises solution over a SaaS solution?

Having control over your environments allows you to customize a disaster recovery plan that meets your business needs. This flexibility exceeds what is supported with a SaaS deployment.

How do you restore your data backup from inside SaaS?

SaaS data restoration processes can take longer and require support incidents be open, which takes away control from your organization.