

Microsoft™ Azure

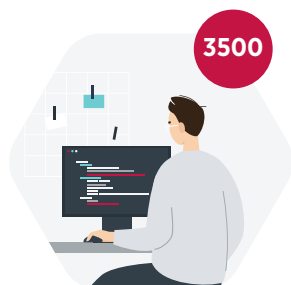
Explained

One of the largest cloud providers in the world is Azure, Microsoft's cloud platform. Azure is trusted by 95% of fortune 500 companies, with one of the largest compliance portfolios in the industry. That's why ICT decided to use Azure as the host for our cloud-based system Protege X.

Protege X is ICT's next generation cross-platform access control and intrusion detection ecosystem, designed for businesses who demand future-proofed flexibility.

The cloud truly means you can access your data from anywhere, at any time, on any internet connected device. But convenience isn't the only advantage, cloud servers have more robust built-in risk mitigation and are continuously tested against best practices in cloud and cybersecurity.

- > The cloud is a global network of servers that allow you to access the software and databases that make up the internet. For instance, Netflix – when you turn it on the movie isn't stored on your TV or laptop, it's stored in the cloud and you access it through the internet
- > Through the Protege online status tracker at Status.protege.cloud users can quickly check the live status as well as that of the last 90 days
- > [Microsoft has an entire division](#) dedicated to operating and securing the Azure data centers and requires all employees and the rare visitor to go through several rigorous access control steps
- > Protege X's servers are located in Central USA, with built in disaster recovery in case of outages or failures, thanks to uninterruptable power supplies from vast banks of generators and batteries
- > Protege X is built using best practices like multi-factor authentication to verify who is accessing systems - managed by Azure Active Directory B2C
- > [All data is encrypted both in transit and at rest](#), mitigating any attacks by malicious actors
- > All data at rest is segregated using network virtualization, ensuring any breaches or incidents in other networks don't impact the rest of the server
- > Every piece of code must go through rigorous testing to ensure it's clean before it can be entered into Azure
- > Microsoft has decades of experience in ensuring systems like Xbox and their Microsoft 365 suite are safe and secure
- > Microsoft invests over a billion dollars annually into cybersecurity, employing over 3500 experts who work on Microsoft cybersecurity 24/7 and 200 experts who continuously run penetration exercises in Azure to identify potential risks



The amount of cybersecurity experts employed by Microsoft



24 hours a day, 7 days a week, 365 days a year, Microsoft's security experts are protecting Azure



The amount of experts continuously running penetration exercises to identify potential vulnerabilities in Azure

To learn more about Protege X, contact your local sales representative at sales@ict.co.