

# How to Protect and Secure Your Data in the Modern Cloud

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From customers and local business owners, I often hear these questions – “Why do we need so many passwords?”, “What is 2-factor and why do I need an extra code to access my account?”, and “My files are backed up in the cloud so aren’t they safe and secure?”

Egis IT Security offers a variety of products and services to protect your cloud data. These products include Veeam Backup for Microsoft 365, Duo Security for 2-Factor Authentication, Barracuda for email filtering, Huntress MDR for MS 365, and Bitwarden for password management.

When you delete an email from M365, Microsoft standard policy only keeps that email for 2 weeks.<sup>1</sup> If an employee deletes an important email and doesn’t notice it for 14 days, you cannot get it back. That also applies to files and folders stored in SharePoint and Teams and OneDrive.

By using a product like Veeam Backup for MS 365, we can restore email or files that were deleted months ago. With Veeam Backup for MS 365, you can protect your Microsoft 365 email and documents from accidental deletion, data breaches/compromises, and ransomware. You can quickly restore your email or data and meet compliance requirements for retrieving data for regulatory or legal requests. Using the Veeam Backup for Microsoft 365 product, the backups can be kept on-premise or in cloud storage.<sup>2</sup>

For any cloud applications or logging into your desktops, it is vital to use 2-Factor Authentication. We recommend Duo Advantage. It can protect your company’s data and identities from any device or any location. It verifies user trust, device trust, and secures access to your company’s applications and networks.<sup>3</sup>

Many breaches are caused by weak or stolen or re-used passwords. You need to have unique passwords so if your Facebook account gets hacked, then it does not affect other important accounts such as your banking or retirement accounts because of password re-use. By using a product called Bitwarden, your passwords are stored securely and it reduces risks due to weak or compromised passwords.<sup>4</sup>

Email attackers are getting more sophisticated today, so we recommend Barracuda Advanced Email Security for your email filtering product. Barracuda prevents malicious and spam emails from entering your mailbox and the emails get quarantined.<sup>5</sup>

The Huntress MDR for Microsoft 365 is a Managed Detection and Response solution. That means that once configured, Egis IT Security partners with Huntress Labs to monitor your Microsoft cloud for detection of events and risks that a threat actor is accessing your accounts. Business Email Compromises (BEC) have become a major source of financial loss and impact reputations for small business everywhere. We work with Huntress analysts to monitor and respond and mitigate suspicious login activities, email tampering and forwarding, and malicious access attempts to stop or prevent these BECs.<sup>6</sup>

With today’s ever changing technology landscape, Egis IT Security is here to help you navigate through the changes with products and services to protect your data in the cloud.

1. <https://learn.microsoft.com/en-us/exchange/recipients-in-exchange-online/manage-user-mailboxes/change-deleted-item-retention>

2. [https://www.veeam.com/veeam\\_backup\\_m365\\_product\\_overview\\_ds.pdf](https://www.veeam.com/veeam_backup_m365_product_overview_ds.pdf)

3. <https://www.cisco.com/c/en/us/products/security/duo/what-is-duo.html>

4. <https://bitwarden.com/products/business/>

5. <https://www.barracuda.com/products/email-protection/protect-microsoft-365#tabNav>

6. [https://www.egis-security.com/resources/Huntress\\_MDR\\_for\\_MS365.pdf](https://www.egis-security.com/resources/Huntress_MDR_for_MS365.pdf)