

# Managed Application Services - Multi-Factor Authentication

Supplement your restricted exchange services with OWA multi-factor authentication.

The Restricted Exchange solution from SilverSky reduces the threat of data compromise and satisfies information security requirements by preventing users from accessing email while off the secure corporate network. Outlook Web Access is a full-featured, web-based email client with the look and feel of the Outlook client. With Outlook Web Access and SilverSky's multi-factor authentication, users can securely access their mailboxes from any device and internet connection.

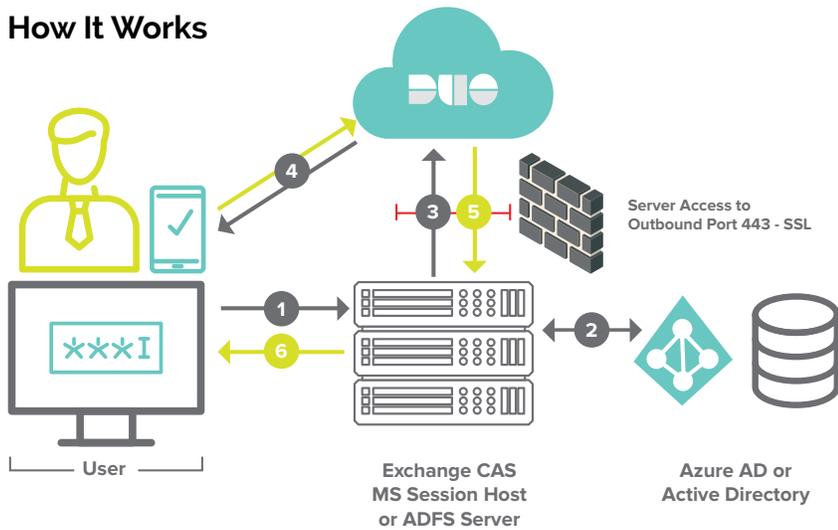
Multi-factor authentication is an extra layer of security used to make sure that people trying to gain access to an online account are who they say they are. Historically, people gained access to secured resources by an assigned user name and password. Increasing number of credential phishing attacks and breaches due weak, default or stolen passwords has made multi-factor authentication a necessity. In multi-factor authentication, the user still needs a user name and password, but they also need an additional factor such as a PIN, token, or a biometric input to gain access. SilverSky multi-factor authentication, powered by Cisco Duo proactively reduces the risk of a data breach by verifying users' identities, gaining visibility into every device, and enforcing adaptive policies.

## SilverSky Multi-Factor Authentication Benefits

-  **Multi-factor authentication** Verify the identity of all users with easy, one-tap approval MFA
-  **Adaptive authentication** Enforce access security policies based on user, device, and application risk.
-  **Secure remote access** Provide clientless remote access for multi-cloud environments and remote workers
-  **Integrated with existing mail services** Seamless deployment and user management integrated with existing email and security services
-  **Meet compliance requirements** Stronger authentication methods help meet compliance standards and industry best practices.

# SilverSky Multi-Factor Authentication for OWA

## How It Works



## With Outlook Web Access

1. User logs in to OWA with primary credentials.
2. Exchange CAS validates credentials with Active Directory.
3. Exchange CAS Server connection established over TCP port 443.
4. Secondary authentication via Duo Push.
5. Duo sends approval back to Exchange CAS server.
6. User is granted access to OWA.

## How SilverSky Adds Value

### Total cost of ownership

SilverSky offers security in a software as a service (SaaS) model through a cloud-based platform with automatic updates and patch management

Simple subscription model with no hidden costs - per user/month price

### Time to value

Fast and easy deployment

Duo Mobile authentication app lets users quickly download the app onto their devices to get up and running

Duo is flexible to scale to quickly add new or migrating users

### SilverSky support

Subscription and billing support at no additional cost

User management – registering and managing users and devices

Deployment service included in subscription cost

24x7x365 support

# SilverSky Restricted Exchange 2016

Enterprise restricted email exchange from SilverSky offers increased security and protection against data loss

## Sensitive data – more easily compromised than ever

Modern businesses increasingly rely on email for mission-critical communication. As a result, highly sensitive and company confidential data is often sent via email. As employees increasingly expect to be able to work remotely, the risk of inappropriate use, capture or loss of sensitive data has grown dramatically. For well-intentioned, careless users, access to corporate email on a home computer increases the risk that their insecure device is compromised and the data stolen. For the malicious inside user, remote access is yet another easily compromised threat vector.

## The Restricted Exchange solution

The Restricted Exchange solution from BAE Systems reduces the threat of data compromise and satisfies information security requirements by preventing users from accessing email while off the secure corporate network. The solution builds a library of whitelisted IP addresses, which is utilized to govern access to the email service. Only authorized devices are then allowed to connect. As a result, organizations can sleep easy at night, knowing that users are not accessing sensitive data through corporate email from insecure locations.

## SilverSky Multi-factor authentication benefits



**Flexible mailbox options** Full support for mailboxes up to 100GB.



**Tiers of service** Our tiered service models give you feature and budget flexibility by allowing you to subscribe to the right services for each person in your organization.



**Powerful web access** Outlook Web Access 2016 provides a rich email experience in any browser.



**Mobile device support** Access your email, calendar, company address book and SharePoint files with secure mobile productivity. We support Android, iOS, and BlackBerry devices.



**Shared calendar, scheduling features, and task management** Easily manage your schedule and check co-worker availability to schedule meetings and events.



**Easy administration** Our Web-based Security Management Console gives you full control of your users, storage, and service selection.



## We are a Microsoft Certified Partner

A Microsoft Certified Partner since 2002, SilverSky holds solution competencies in hosting, security, and mobility. We have satisfied Microsoft's highest level of eligibility requirements by demonstrating consistent, high quality hosted service and a proven track record in providing Microsoft Exchange managed messaging and collaboration services.

## AICPA certified since 2002

The AICPA audit is an auditing standard of the American Institute of Certified Public Accountants (AICPA) designed specifically to examine the quality of operations and controls of technology outsourcing solution providers. SilverSky customers can trust our services are consistent, safe, and reliable, and are compliant with emerging regulatory mandates. An AICPA SOC 2 Type 2 Audit demonstrates that the infrastructure, applications and processes have passed rigorous, independent third party testing and have an environment that incorporates everything necessary for effectively hosting and exchanging corporate data and financial information. Since 2002, we have contracted with certified auditors to perform annual AICPA SOC 2 Type 2 (formerly SAS 70 Type II) accreditation audits designed specifically to examine the effectiveness of operations and controls.

## Independent industry analysis

SilverSky has a mature, advanced Exchange infrastructure. And, as a result, has been recognized by industry analyst -The Radicati Group - as the "Top Player" in the Hosted Exchange market for the past 11 years - as measured against peers in the industry.



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## You run your business, We run your email

Whether you are a small business or a multinational corporation; whether you are currently running Microsoft Exchange, or any other on-prem email platform, SilverSky can make your email communications better—and run it at a lower cost. We have migrated thousands of business and millions of users to our secure cloud Exchange service, thereby drastically reducing their IT burden and investments. Let us do the same for your business so you can focus on your core business strategy.

The Restricted Exchange service includes our hardened, enterprise-class Exchange service complemented by best-in-class security and compliance capabilities for maximum service reliability and business agility.

## Industry certifications

In delivering our Microsoft Exchange solution, SilverSky utilizes best practices in systems management, testing, application deployment, infrastructure implementation, and security practices.

Our infrastructure and processes are constantly reviewed and tested by stringent third-party evaluators and auditors to ensure we meet compliance requirements. In most cases, our systems and processes exceed industry standards.

These certifications and validations not only ensure the reliability of our Exchange architecture and system processes, but our customers also inherit the compliance benefits simply through using our secure cloud services. We simplify how our customers secure their information.