

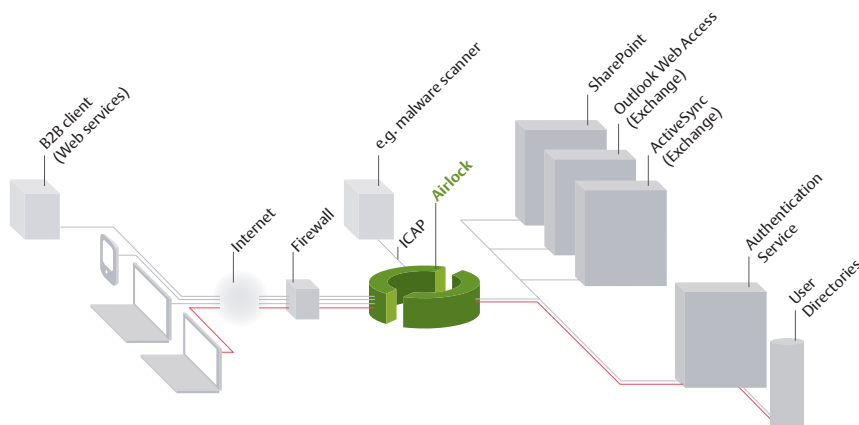
AIRLOCK

Protection and Availability for Microsoft Exchange and SharePoint

Internet safety with Microsoft® Exchange®, SharePoint® and ActiveSync®

The productivity and efficiency of distributed teams and mobile workforces depends strongly on how well the IT systems support them in collaborating over the Internet. Microsoft Exchange Server, the Microsoft SharePoint family and the ActiveSync protocol have become established internationally as cornerstones of groupware and collaborative working environments. ActiveSync in particular is increasingly gaining status as a standard throughout the Microsoft world. The most common application scenario is the mobile synchronization of calendars, contacts and to-do lists between Microsoft Exchange Server and mobile clients (e.g. smartphones).

Because Exchange and SharePoint are used to store such large volumes of critical data, these resources simply cannot be made available over the Internet unless additional protection is provided. The risk associated with allowing a direct connection from the Internet to the server is just too high. This problem also arises in relation to other applications and has led to a situation where many companies have had to resort to across-the-board bans on Internet connections to internal servers holding such sensitive data.



Airlock links Microsoft Exchange, SharePoint and other server applications securely to the Net. Increased security with strong, preceding authentication and protocol filtering go hand in hand with a smooth user experience and optimized support for mobile processes.

Challenges

- Distributed team working
- Mission critical data on the Internet
- Services wide open to attack
- Secure mobile synchronization

Benefits of Airlock in a Microsoft environment

- Secure Exchange and SharePoint services
- Centralized access control
- Secure ActiveSync access
- Authentication decoupled from Exchange and SharePoint
- Integration with Microsoft Kerberos
- Filtering of all requests and data
- Increased availability

Advantages of Airlock

Effective protection for Microsoft Exchange and SharePoint

Airlock acts as a central SSL access point upstream of the Microsoft servers. Anonymous interaction with the target systems is impossible without preceding user authentication.

Centralized, secure access control, even with ActiveSync

Strong, preceding authentication also comes into play during ActiveSync synchronization. Encrypted, authenticated, filtered ActiveSync connections satisfy all necessary security criteria.

Authentication decoupled from Exchange Server and SharePoint Server

Preceding authentication can be integrated with any desired authentication process and uses identity propagation via Kerberos to the Microsoft servers. This allows integration into Microsoft-independent single sign-on environments.

Direct, transparent integration with Microsoft Kerberos technology

Trouble-free integration of preceding authentication with Microsoft services, without the need for users to log in multiple times.

Filtering of all requests and data at protocol level

Only valid requests make it as far as the Microsoft servers.

Improved availability and performance

Preceding authentication and filtering reduce the load on Microsoft servers.

Leading international security solution

Airlock protects Web applications and Web services against attacks and provides sustainable, centrally monitored security. 200 customers in 8 countries already protect over 5000 applications with Airlock.

Ergon Informatik AG delivers specialist IT excellence with a clear focus on customer advantage. The company leads the field in the implementation of customised applications and is an established producer of software products.

Airlock is a registered trademark of Ergon Informatik AG.

Convenient, reliable configuration

- Modern Web interface
- Graphical mappings
- Role-based administration
- Templates for common applications
- Versioning and rollback
- Real-time regex tester
- Central certificate management
- Comment fields for admin help
- Activation in background
- Perform hotfix updates