



Multi-Enterprise Collaboration

The Power of Working as One

Collaboration with external partners can and should be as seamless and secure as it is with internal users.

Let Exostar show you how we can make multi-enterprise collaboration efficient and secure.

The Right Solution

Collaboration is crucial to conducting business in any industry. However, in highly regulated industries, or where intellectual property is at risk, information security is essential. These industries have always required a solution to make it easier for employees, buyers, suppliers, and customers to collaborate, manage projects, and exchange information.

The Exostar Multi-Enterprise Collaboration platform is that solution. It's a secure, cloud-based, collaboration platform designed to support the critical needs of these industries. Our platform is based on Microsoft SharePoint 2013, a tool everyone is familiar with; however, we've added plenty of functionality

to meet the needs of customers that require additional security, have specific compliance requirements, and/or allow internal and external partners to collaborate on any project in a central location.

With the Exostar Multi-Enterprise Collaboration platform, you can manage every aspect of a project's lifecycle in a secure, online environment, and benefit from improved communication, better quality, faster cycle times, and significant cost savings. It's ideally suited for integrated program, product, or project teams involving internal and external partners or geographically dispersed team members.

Among the many benefits of conducting business within the Exostar Multi-Enterprise Collaboration platform:

- NIST 800-171 compliance
- Encryption and digital rights management
- Tiered security management
- Successful use across a variety of highly regulated industries

Each of these benefits is described in detail on the following pages.



Compliance

The federal government is working toward a unified and mandatory approach to contractor data security. The U.S. Department of Defense (DoD) has adopted a set of requirements governing Covered Defense Information, or CDI, set out in the National Institute of Standards and Technology (NIST) Special Publication 800-171.

SP 800-171 describes fourteen sets of security requirements for protecting the confidentiality of CDI in non-federal information systems and organizations. Among the many 800-171 requirements that Exostar can help today's government contracting organizations meet, our enterprise collaboration platform addresses two that are particularly troublesome (i.e., expensive) to contractors and sub-contractors – technologies in which we are proven experts:

- Identification and Authentication**
 - Exostar has implemented a robust, proven, scalable Multi-Factor Authentication (MFA) solution within our enterprise collaboration platform that is used by more than 100,000 aerospace and defense (A&D) organizations and their partners, subcontractors, and suppliers to protect and control access to enterprise applications and data.
- Incident Response** - When incidents occur within an organizational information system, the contractor must report it to the DoD Chief Information Officer (CIO) within 30 days. Multi-Factor authentication (see previous bullet) is required to login to the CIO's reporting site to meet this requirement.

NIST SP 800-171 focuses on minimum standards and best practices within 14 "Security Requirement Families" and provides detailed lists of basic and derived security requirements contractors need to employ to meet each of the standards.



Our collaboration platform enables secure online project management, facilitating better management of costs, deadlines, expectations, and results.

Security

As a recognized leader in security and user authentication, Exostar understands that the key to protecting the enterprise is first determining if a user is authorized for access. Therefore, multi-factor authentication is recommended to access our platform. And Exostar offers the ability to place projects in one of three distinct levels, where access is controlled by increasingly stringent methods.

Tiered Security Management

Exostar has added multiple user profiles to our collaboration platform, in addition to the standard SharePoint groups. Depending on their specific requirements, customers can choose the level of authentication and encryption requirements to meet their specific needs. Exostar supports a variety of authentication/credential types, including:

- Username and password
- Single sign-on (SSO)
- PKI digital certificates of various classes
- Hardware and phone-based one-time password (OTP) tokens

Single Sign-On (SSO)

One of the keys to successfully implementing a world-class collaboration platform like ours, and ensuring user compliance, is maintaining simplicity. The Exostar identity and access management platform controls access and ensures users can only reach assets to which they've been granted permission.

SSO enhances the user experience and improves security by limiting the number of passwords/credentials users must maintain. That way, users don't lose them or write them down and risk having them stolen.

Encryption

The Exostar multi-enterprise collaboration platform promotes the implementation of end-to-end encryption, so data can be protected both at-rest and in-transit.

Digital Rights Management

There is a growing demand for data protection to extend beyond application access controls in the business world. Cybersecurity threats and the need to protect sensitive data and intellectual property are driving this demand.

Exostar has therefore introduced digital rights management into our collaboration platform, a fine-grained document level security that encrypts documents when they are checked out and decrypts and allows access to documents based on the user's role.



Enterprise Collaboration in the Life Sciences Industry From Preclinical Trial Research through Consumer Distribution

- Streamline clinical study coordination and evaluation
- Control 100% access to your data
- Accelerate internal and external collaboration
- Share very large data sets and analytics reports

Documenting ideas and data is key in figuring out the unique road map that each drug requires for development. Making sure that intellectual property (IP) is kept in authorized hands and not subject to corporate espionage or simple cyberattacks is important for the fidelity of the treatment.

Moreover, keeping data offline is no longer a viable option in the race to production. In addition to slowing the creation process, it does not make data any safer from intruders.

When research is complete and clinical trials are underway, team members must be able to access any data that is pertinent to the studies. When clinical trials are complete, evaluations must be finalized, documented, and discussed as treatments make their way to market.

It is important that your chosen security system doesn't inhibit collaboration between team members. SecureShare is a compliment to any clinical trial management system (CTMS). Using federation and security profile tiers, project members are granted single sign-on access to share documents and data securely in a single central location. With the addition of digital rights management, unauthorized usage or disclosure of any data is continuously monitored.

Because our collaboration platform integrates with Microsoft products, such as MS Office and MS Outlook, communication is streamlined online and offline, creating increased productivity. Users benefit from transparent and simple interaction. Research sponsors benefit from more sophisticated collaboration, which increases product efficacy potential and can speed time-to-market.



The Exostar Multi-Enterprise Collaboration platform can be customized to provide the Life Sciences industry with collaboration capabilities combined with user accountability, security, and document management functionality.

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Our platform brings companies and their customers, partners, and suppliers together.

Feature Summary

- Single Sign-On
- Secure file sharing
- At-rest and in-transit data encryption
- Streamline clinical study coordination and evaluation
- Multi-level security profiles
- Robust search capabilities
- Document management
- Research and development applications
- Compartmentalized data storage
- Custom workspace personalization and branding
- Exostar Enhanced Audit Logs support customer compliance requirements
- Familiar and easy-to-use Microsoft interface



Connect once. Collect once. Certify once.

Contact Exostar Today
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About Exostar

Exostar's cloud-based solutions help companies in highly-regulated industries mitigate risk and solve identity and access challenges. Nearly 125,000 organizations leverage Exostar to help them collaborate securely, efficiently, and compliantly with their partners and suppliers. By offering connect-once, single sign-on access, Exostar strengthens security, reduces expenditures, and raises productivity so customers can better meet contractual, regulatory, and time-to-market objectives.