

Gold Finger

Active Directory ACL Exporter



Datasheet



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Active Directory ACL Exporter

At the **foundation** of cyber security of all organizations that operate on the Microsoft Windows Server platform lie their foundational Active Directory (AD) deployments.

Organizations require the ability to analyze security permissions in their foundational Active Directory deployments to maintain security, identify vulnerabilities, manage privileged access and fulfill governance, risk and compliance driven audit needs.

Architected by former Microsoft Program Manager for Active Directory Security, and endorsed by Microsoft, the *Active Directory ACL Exporter* from Paramount Defenses is the world's most capable permissions analyzer for Active Directory.

“We are very pleased to see Paramount Defenses, a valued Microsoft partner, offer an innovative security solution (in Gold Finger) that helps enhance security and compliance in Active Directory environments.”

- Charles Coates, Senior Product Manager
Identity and Security Business Group

Microsoft



Active Directory ACL Exporter



Technical Overview

The entirety of an organization's building blocks of cyber security i.e. all organizational domain user accounts, computer accounts, and all domain security groups that protect almost all organizational IT resources, are stored, managed and secured in Active Directory.

Each one of these building blocks is represented as an object within Active Directory and is protected by an access control list (ACL), which contains access control entries (ACEs) that specify who is allowed and denied what security permissions on the object.

Together, there exist thousands of security permissions in Active Directory, which may have been provisioned over years, and granted to various users and groups, and they effectively govern exactly who has what access in Active Directory. In addition, there also exist thousands of audit settings in SACLs that govern exactly what is audited in Active Directory.

To maintain security, provision access, perform cleanups, and fulfill GRC driven audit needs, organizations need to be able to analyze and lockdown Active Directory ACLs and SACLs.

The *Active Directory ACL Exporter* lets organizational IT personnel easily export, analyze and audit ACLs and SACLs of all Active Directory objects domain-wide in full detail. It can –

- ✓ Deliver a complete, sortable view of all Active Directory ACLs and SACLs domain-wide
- ✓ Clearly identify exactly which users and groups have what permissions domain-wide
- ✓ Export the ACLs and SACLs of all Active Directory objects, at the touch of a button

It thus enables organizations to easily perform Active Directory ACL and SACL audits which are needed to assess and lockdown access, perform cleanups and maintain cyber security.



Active Directory ACL Exporter



Features

The *Active Directory ACL Exporter* embodies several thoughtful features specially designed to help IT personnel easily export, sort and analyze Active Directory ACLs domain-wide –

1. Complete, Detailed ACL Exports – Instantly and completely export all Active Directory ACLs
2. Sortable View – Get a fully sortable export with individual permissions in unique columns
3. Ownership Insight – Identify all Active Directory objects owned by a specific user/group
4. SACL Analysis – Export, sort, analyze and verify Active Directory SACLs that control auditing
5. ACL and SACL Exports – Instantly export the ACLs and SACLs of all Active Directory objects



Benefits

The *Active Directory ACL Exporter* delivers many tangible benefits that have a real and measurable impact on the organization's foundational cyber security posture –

1. Enhance Active Directory Security – Analyze and lockdown Active Directory ACLs and SACLs
2. Gain Instant Visibility – Instantly gain complete insight and control over ACLs and SACLs
3. Verify Intended ACL and SACL Changes – Analyze ACLs and SACLs before and after a change
4. Fulfill Audit Needs – Fulfill various governance, risk and compliance driven audit needs
5. Get Peace of Mind – Rest well knowing your Active Directory ACLs are locked down



Active Directory ACL Exporter

Audit/Reporting Capabilities

The *Active Directory ACL Exporter* lets organizations accurately, easily and instantly generate Active Directory ACL and SACL exports and reports, such as –

1. Identify all users/groups granted any kind of permissions in AD ACLs, domain-wide
2. Identify all allow, deny, explicit and inherited permissions in AD ACLs, domain-wide
3. Uncover exactly which users/groups have what permissions in AD ACLs, domain-wide
4. Identify all users/groups that have a specific permission in AD ACLs, domain-wide
5. Easily audit, export and document the ACLs and SACLs of all AD objects, domain-wide



Audience

- ✓ IT Managers
- ✓ Domain and Network Admins
- ✓ Cyber Security Analysts
- ✓ IT and Cyber Security Auditors
- ✓ Internal Application Developers
- ✓ Pen Testers and Ethical Hackers

Requirements

- ✓ Any computer running Windows
- ✓ Any domain-user credentials
- ✓ Network access to Active Directory
- ✓ No privileged access required
- ✓ No installation on DCs required
- ✓ No deployment of services/agents



Gold Finger

Gold Finger is the world's most capable, valuable and trustworthy suite of access assessment tools for Microsoft Active Directory, and is the gold standard for Active Directory Assessment.



The *Gold Finger* Suite is architected by former Microsoft Program Manager for Active Directory Security, endorsed by Microsoft, trusted worldwide, and comprised of 8 specialized tools –

1. Active Directory Security Auditor
2. Active Directory Membership Auditor
3. Active Directory ACL Analyzer
4. Active Directory ACL Exporter
5. Active Directory Permissions Analyzer
6. The world's only accurate Active Directory Effective Permissions Calculator
7. The world's only accurate Active Directory Effective Access Auditor
8. The world's only accurate Active Directory Privileged Access Assessor

Today these tools deliver paramount cyber security insight to organizations worldwide.

Gold Finger's **uniqueness** is in its unrivaled ability to deliver accurate effective permissions and privileged access insight, which are paramount for Active Directory security and cyber security.

For more information, please visit – www.paramountdefenses.com/products/goldfinger

About Paramount Defenses



Paramount Defenses is the world's only cyber security company that possesses the paramount capability to be able to **accurately** assess privileged access in Active Directory deployments.



Microsoft Active Directory Domain Services are the foundation of cyber security and the heart of privileged access at 85% of all business and government organizations worldwide.

Paramount Defenses was founded by and is led by former Microsoft Program Manager for Active Directory Security. The company's unique, innovative, patented technology governs the accurate assessment of all access, including privileged access, in IT environments worldwide.

Its unrivaled solutions can accomplish the remarkable feat of being able to automatically and accurately assess privileged access across entire Active Directory domains, at a button's touch.

From the United States of America to Australia, its global customer base spans six continents and includes numerous prominent business and government organizations across the world.

www.paramountdefenses.com

