



# *Gold Finger*

*Active Directory Permissions Analyzer*

## Datasheet

# Gold Finger



## *Active Directory Permissions Analyzer*

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 Permissions Analyzer* 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 Permissions Analyzer



## 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 privileged access in Active Directory.

To maintain security and fulfill GRC driven audit needs, at a minimum, organizations need to be able to easily and reliably audit who has what permissions in their Active Directory.

The *Active Directory Permissions Analyzer* can instantly, precisely and automatically analyze thousands of permissions specified inside Active Directory to help organizations accurately efficiently and easily audit permissions domain-wide in Active Directory. It can –

- ✓ Uncover who has what permissions where in Active Directory
- ✓ Identify what permissions a specific user or group has in Active Directory
- ✓ Determine which users or groups have a specific permission in Active Directory

It thus enables organizations to easily perform these important permissions audits which are required to assess and lockdown access and maintain cyber security.



# Active Directory Permissions Analyzer



## Features

The *Active Directory Permissions Analyzer* embodies numerous thoughtful features specially designed to help IT personnel easily perform permissions analysis –

1. Comprehensive Permissions Analysis – Perform extensively capable analysis
2. Rich Permissions Analysis Criteria – Find permissions based on any criteria
3. Full Schema Availability – Incorporate any Active Directory Schema element
4. Security Principal Specific Analysis – Find permissions granted to any user/group
5. Customizable Analysis and Exports – Use LDAP filters to customize analysis scope



## Benefits

The *Active Directory Permissions Analyzer* delivers numerous 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 access in Active Directory
2. Tightly Control Permissions – Gain complete visibility into and control on permissions
3. Attain Least-Privileged Access (LPA) – Attain and maintain LPA in Active Directory
4. Fulfill Audit Needs – Fulfill numerous GRC and Cyber Security driven audit needs
5. Get Peace of Mind – Rest well knowing Active Directory permissions are locked-down

# Active Directory Permissions Analyzer



## Audit/Reporting Capabilities

The *Active Directory Permissions Analyzer* lets organizations accurately, easily and instantly generate numerous Active Directory permissions analysis/audit reports, such as –

1. Identify all users/groups granted any kind of permissions in Active Directory
2. Find out what permissions are delegated on/at which organizational units (OUs)
3. Uncover all users/groups granted a specific permission in Active Directory
4. Pinpoint where a specific user/group has any permissions in Active Directory
5. Determine all security permissions that have been delegated in Active Directory



## 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](http://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](http://www.paramountdefenses.com)

