

Data Risk Assessment Multi Layer Reporting



A unified view of your data landscape;

Knowing your organisation's data, understanding your organisation's risk, and measuring how risk changes over time is the foundation to any effective security strategy



Multi-Layer Reporting

The Getvisibility risk score enables key decision makers to quickly make informed budgeting, operational, tactical, and strategic decisions. It also allows key decision makers to measure the effectiveness of their teams and budgetary decisions, providing a framework for continuous learning and improvement.



High Level Risk Overview



Board Members

A score based overview of the organisation's data and departments



Strategic Report with Measurable Results



C Level and Department Management

A breakdown, by department, of each data risk category and key areas of concern



Granular Actionable Reports



Staff & Contractors

Granular reports and files which can be directly used for remediation

The risk score is a powerful tool for risk and security practitioners. CISOs, DPOs, and security experts now have a bench-marked mechanism for demonstrating good practice, as well as the consequences of under investment.

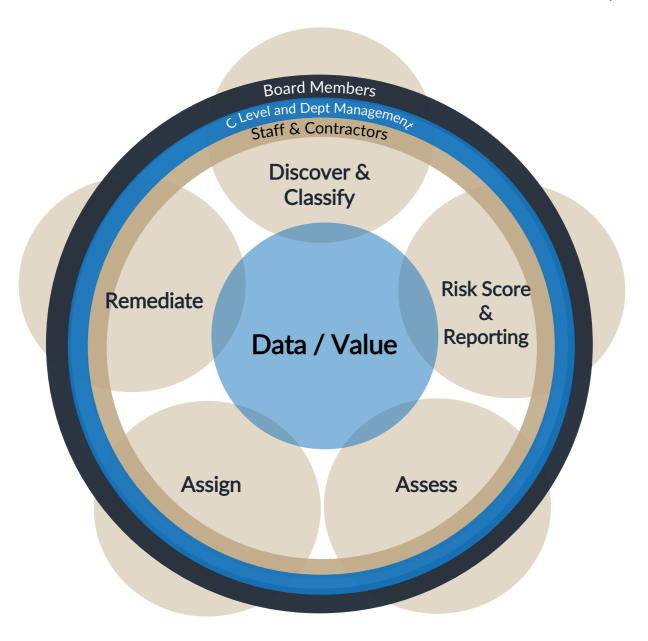
The Getvisibility remediation tools provide the solutions for managing and improving the data risk scores.



Data Protection and Score Review

A Key Business Process

Recurring Data Risk Assessment Reporting allows organisations to measure the compliance and effectiveness of implemented changes and remediation while monitoring their maintenance; driving further initiatives and policies.





BOARD LEVEL REPORTING

Cyber Security and data compliance have become a very important board responsibility. The impact of a cyber security breach or a data leak on an organisation has grown at a rapid rate, the likelihood of a breach has also increased. New business processes, remote working and new collaboration tools have all led to an exponentially growing volume of data and an increased attack surface.





Regulation

Appease regulators in the event of a breach as progress and continuous improvement can be demonstrated



Resourcing

Assign resources and allocate budget effectively



Prioritisation

Prioritise key high risk areas for remediation

Organisations' leadership teams and directors don't have the time or expertise to fully assess the ever changing environment, assess the effectiveness of their companies cyber security or predict the direction of change. This makes budgeting, resource allocation and strategic decision making very difficult.

The organisation's leadership teams will get a report on a frequent basis that risk scores the key security areas. This report highlights the immediate risks, the areas of concern and how this is changing over time.

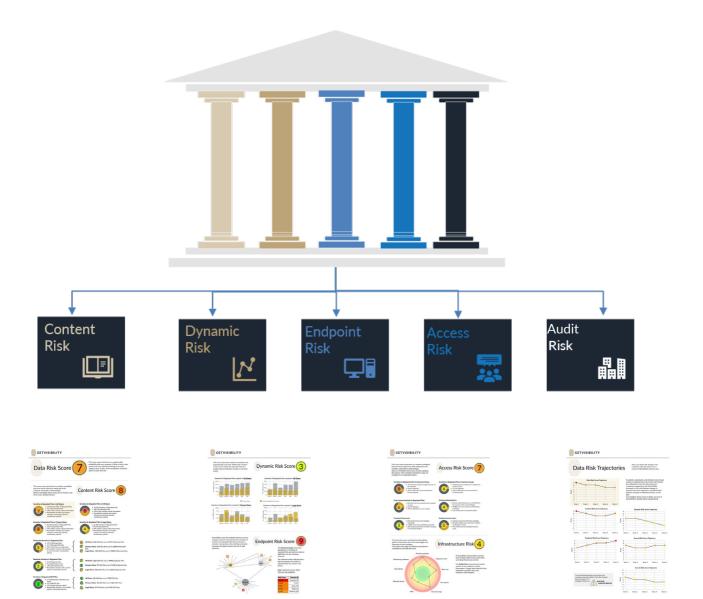
The report allows the leadership team to assign a budget in accordance with its risk tolerance, measure the impact of this budget allocation, and the effectiveness of their cybersecurity and data governance teams. The report allows for a common understanding and for strategically measurable targets for the ICT and security teams.



KEY PILLARS OF RISK SCORE

The Five Key Pillars of Data Risk Score

The following sections form part of the Data Risk Report and are key to assessing an organisation's data risk.



The Content Risk Score

The Content Risk Score measures the severity of risk due to: the content of the unstructured data scanned, its level of sensitivity, as a percentage of total data, and its location.

While having a high percentage of critical data in a company's system is not insecure in and of itself, it does increase the exposure potential and therefore the content risk score. This score does not take breach likelihood into account that is accounted for in the Access, Audit, and Endpoint risk scores



Getvisibility 01/09/21 File Server: User_Documentation

This score means that the content of the unstructured data on your network will cause financial, legal, or reputational damage if a breach were to occur. Critical (sensitive & regulated) data contains information that affects this damage. Steps to remediate these issues can be found in one of our more detailed reports.



Critical Files



- 145.945 classified files
- 75.813 critical files
- · 74% of classified files are critical
- · Remediation includes: Encryption software, monitoring software, classification policies

Duplicate Critical Files



- · Duplicate files contain the exact same information
- 59.242 duplicate files
- 18,938 critical duplicate files
- . 59% of duplicate files are critical
- · Remediation includes: file creation policies, monitoring software

Highly-accessible Critical Files



- · Critical files that can be accessed by the
- majority of users 85,813 critical files
- · O highly accessible critical files
- 0% of critical files are highly accessible

Critical Files in Everyone Group



- . The Everyone Group (EG) includes all users in the network
- 85,813 critical files
- 25.744 accessible to EG
- 21% of critical files can be accessed by EG

Critical Stale Files



- · Stale files have not been accessed
- in more than 6 months
- 21,149 stale files
- · 8,264 critical stale files
- · 34% of stale files are critical
- · Remediation includes: : file creation policies, monitoring software

Critical Files available to Inactive Users



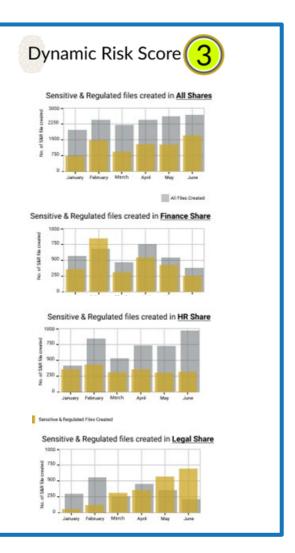
- · Inactive Users (UI) are those that have not
- logged-in in more than 90 days 6,030 files accessible to inactive users
- · 2,591 critical files accessible to inactive
- users · 42% of S&R files can be accessed by Inactive groups



The Dynamic Risk Score

The Dynamic Risk Score monitors the creation of critical data over time. The score is an evaluation of the rate of critical data creation and indicates to the customer whether this rate has increased dramatically over a time period.





A percentage mean increase in critical document creation over this period could indicate policy change, company structural change, unintended consequences of content creation changes, or foul play. Assessing trends in critical data creation informs the risk score as to what is usual for the organisation and what is unusual.

Dramatic increases in the number of critical files being created, especially if these files are not created in a secure way, provide a warning to customers about their policies. It may be the case that employees need more training in this area.

The Dynamic Risk Score is important as it indicates current trends in critical data in the company. Rather than static metrics, this metric can alert companies to unusual occurrences.

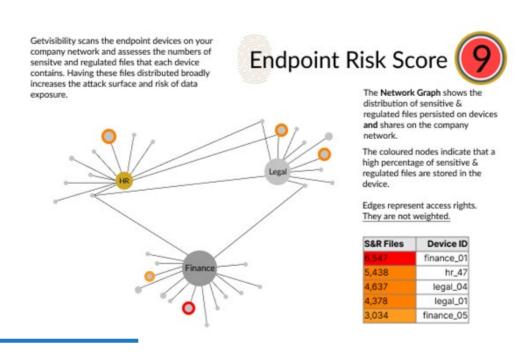


Endpoint Risk Score



Getvisibility scans the laptops, desktops, and other devices on the network, the amount of critical files in each, as well as information about each device's access to files. The addition of Getvisibility Synergy classification profiles enriches this key pillar and gives even more insight into the data at risk in each device.

Each laptop or other electronic device on a network may unknowingly contain critical information. These files can go unnoticed and potentially indicate foul play on the part of the device user. High numbers of critical files on individual devices, especially those that should not have access to them e.g. Code IP on a device with exclusively HR related access rights. When Getvisibility Synergy Pro is added, a higher risk will be given to devices that have high mis-classification ratings.



The Access Risk Score

This score assess an organisations user permission policies. Identifying gaps or erroneous granting of access rights. It also scans for security risks such as: outdated passwords, erroneous domain administrators, and inactive yet enabled user accounts.



Access Risk Score 7

Enabled Inactive Users



- Inactive uers still retain privileges
- 123 enabled users have been inactive for 100 days or more
- 19% of users are enabled inactive users

Outdated Passwords



- Passwords that are not changed frequently
- 199 users have outdated passwords
- 35% of passwords have not been changed in more than 100 days

Domain Administrators



- Domain administrators are not Active Directory administrators but may have the same privilages
- 10 users have Domain Administrator privileges
- 0.18% of Active Directory accounts are Domain Administrators

Critical Files available to Inactive Users



- Inactive Users (UI) are those that have not logged-in in more than 90 days
- 234 files accessible to inactive users
- 124 critical files accessible to inactive users
- 0% of S&R files can be accessed by Inactive groups

Highly-accessible Critical Files



- Critical files that can be accessed by the majority of users
- 49 critical files
- 0 highly accessible critical files
- 0% of critical files are highly accessible

Data points assessed include:

- Critical files available to all users
- Critical files available to inactive user groups
- ✓ Oer-shared critical files
- Percentage of domain administrators
- Outdated passwords
- Enabled Inactive Users

A scan of user permissions will analyse the access, password controls, and unintended permission inheritance. Analysing unintended or maliciously intended unauthorised access is vital to assess the risk potential to critical data.



Audit Risk Score



This is based on information gathered from direct engagement with the customer, collated into a survey, to assess their procedures, processes and software systems in relation to a potential data breach. Key areas include:

✓ Antivirus software

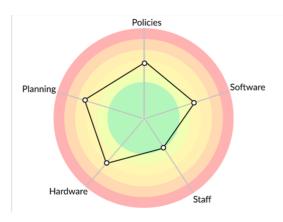
√ Back-ups

- ✓ Back up procedures
- Certifications
- ✓ Internal policies
- External policies

- ✓ Monitoring Software
- ✓ Security Staff and Training
- ✓ Classification Software

The data risk survey conducted by Getvisibility gathers information about the technologies, policies, and resources of your company. The extent and usage of software and policies is evaluated to calculate the score.





A Getvisibility representative assesses each of these metrics and scores them according threat level and risk.

The radial chart represents the attack surface of the company s critical information. A larger area inside the lines represents a greater risk to the company s data integrity.

Steps to improve this score include: increasing policy adherence, implementing data breach planning, and identifying critical data throughout the organisation.



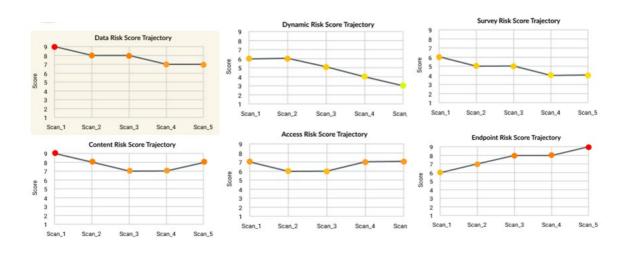
Data Risk Trajectories

This set of charts track the change in the company's data risk status over a course of Getvisibility various scans.

As policies, procedures, and software tools are put in place to address these risk scores there should be a reduction in risk over the course of a companies engagement with Getvisibility. Increases in risk could indicate changes in personnel, file-share migrations, unimplemented policies, increases in hardware devices, or foul play.

To investigate these scores in-depth, use one of Getvisibility's detailed report spreadsheets.

Data Risk Trajectories



<u>getvisibility.com</u>

C Level and Department Management Strategic Reporting

Building a cyber security strategy is becoming increasingly difficult for those tasked with data protection and compliance. Data protection regulations are becoming more stringent and new regulations are being introduced regularly across all sectors and geographies, putting pressure on organisations to comply.

Covid- 19 has amplified this issue, as new collaboration tools and an explosion in unstructured data has dramatically increased the attack surface. In parallel to this, breaches are becoming noticeably more severe as hackers are posing a larger threat to organisations through new triple extortion ransomware.

Designing an effective and compliant data protection strategy can be challenging as the nature of work is ever changing. Organisations are growing and expanding, regulations are changing and the security technology is advancing. The Getvisibility platform gives CISO/Head of Security/Data Compliance Officer a common key set of well defined metrics to everyone in the organisation. This helps them:



Expedite budget approval



Demonstrate progress and positive actions to stakeholders



Identify and measure risk



Set a detailed roadmap for the IT and Security Practice



Identify poorly performing departments or locations



Build cross organisational risk awareness

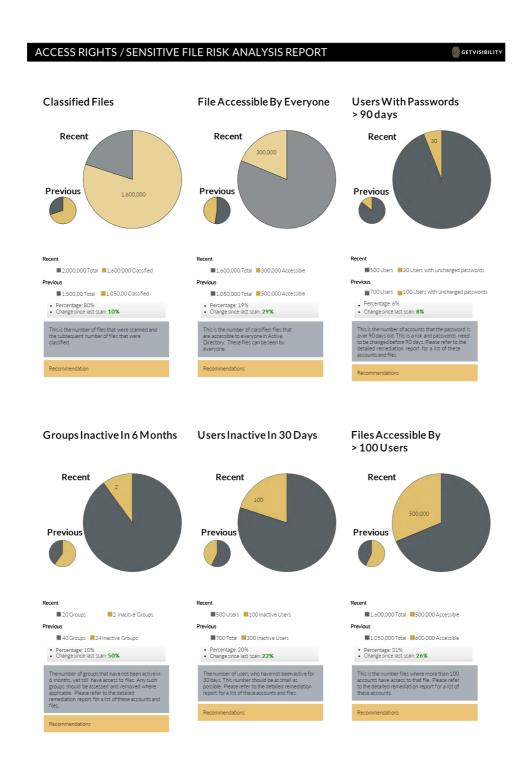


Identify and prioritise high risk

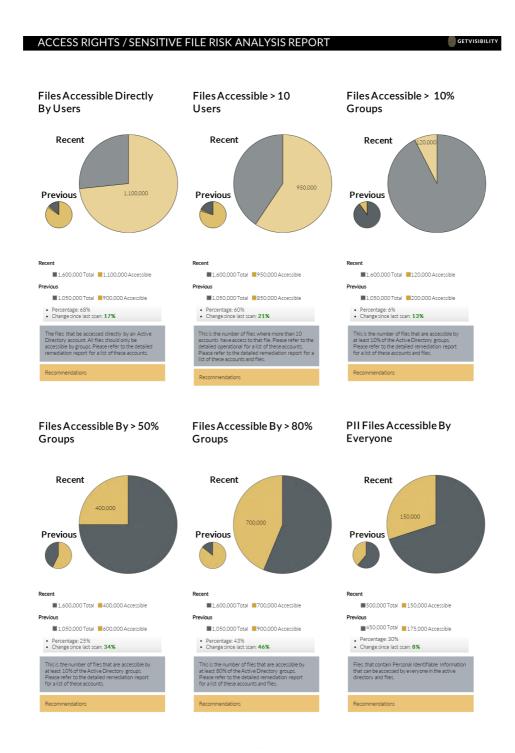


Measure and identify new risk.

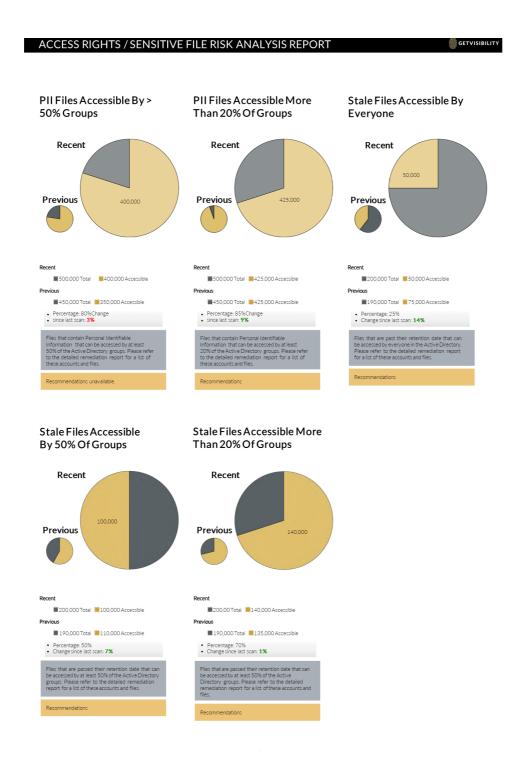










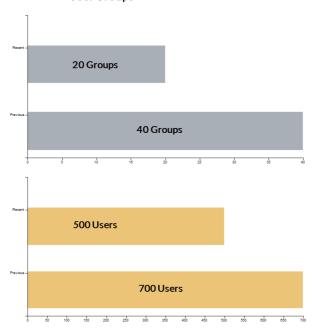




ACCESS RIGHTS / SENSITIVE FILE RISK ANALYSIS REPORT

GETVISIBILITY

User Groups



Top 10 Users In The Most Group

User Name	Number of Groups	Active
Richard	1	True
Thomas	1	True
Rosie	1	True
Christopher	1	True
Daniel	1	True
Jessica	1	True
Patricia	1	True
Paul	1	True
Kenneth	1	True
Margaret	1	True

Top Users With Inactive Password

User Name	Password Last Changed	Last Logged In
Pamela	1601-01-01 00:00:00	2020-11-13 09:10:20
Nicole	2003-04-25 16:11:12	2021-01-14 18:23:06
Samantha	2003-06-06 16:27:27	2020-12-09 09:19:22
Katherine	2005-12-06 11:34:49	2020-11-29 23:08:27
Frank	2006-10-14 10:24:14	2020-11-03 23:36:39
Alexander	2006-10-14 10:24:38	2020-10-28 20:10:27
Jack	2008-03-25 12:37:49	2021-01-19 07:27:39
Dennis	2008-04-23 09:53:07	2021-01-13 01:55:01
Julie	2008-05-01 16:24:33	2021-01-20 08:03:23
Victoria	2008-06-30 10:48:56	2021-01-12 20:02:15

Top 10 Enabled Inactive Users

User Name	Last Logged In
Dorothy	2005-10-19 14:49:43
Emily	2006-02-12 10:38:39
Deborah	2006-03-23 17:03:09
Stephanie	2006-04-17 01:30:37
Rebecca	2006-04-22 13:40:14
Kevin	2006-10-05 03:43:36
Jason	2006-10-13 09:10:45
Laura	2006-11-01 09:13:08
Jeffrey	2007-01-28 01:00:01
Ryan	2007-02-26 16:01:00

Tactical Reporting for Investigation and Remediation

Investigation and remediation projects often get put on hold, or struggle to receive resources and budget as they commonly require lots of manual work and interfere with daily business operations. Detailed reporting provided by Getvisibility can enable organisations to greatly reduce the drain on resources and costs involved. End users have access to detailed, actionable reports which enable efficient decision making and project rollouts. Getvisibility also integrates with a variety of remediations tools such as data loss prevention solutions, archiving, data encryption and secure deletion.

Once remediation efforts have been carried out, repeated Data Risk assessments can measure their effectiveness and drive further strategy. The following are some common remediation actions enabled by Getvisibility:



De-Duplication and ROT Data



Data Loss Prevention



Secure Deletion



Active Directory Clean Up



Secure Archiving



Data Encryption



Data Migration

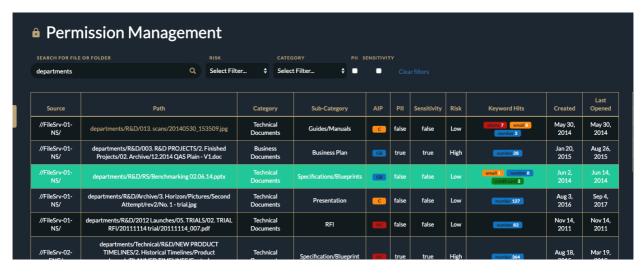


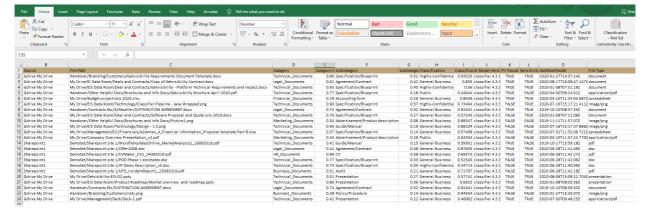
Process and Policy Review



Sample Tactical **Reports**







CORE FEATURE REAKDOWN	Synergy	Synergy Pro	Enterprise Suite Synergy Pro + Focus
Email DLP on Classification	•	•	•
Live Classification of Data In Motion	•	•	•
Watermarking	•	•	•
Headers and Footers in Microsoft Office	•	•	•
One GRC Compliance Configuration	•	•	•
Customer Support Via Email, Phone or Live Chat	•	•	•
Policy Configuration	•	•	•
Windows Explorer Classification		•	•
Sharepoint		•	•
Insider Threat Monitoring		•	•
Risk Assessments		•	•
IAM		•	•
Self Service Data QA		•	•
On-Demand or Scheduled Scans			•
Data R.O.T Analysis			•
Comprehensive & User- Friendly Visualisation of			
Classified Data Files			•
Reporting and Remediatio	nn		•
Self Service Model Trainin	g		•

Data Risk Score Reporting