

# Data Governance Program by Exelegent & Microsoft



#### Exelegent

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#### This provider has demonstrated competency in the following areas

Gold Communications

Gold DevOps

Gold Data Analytics

Gold Data Platform

Gold Cloud Productivity

Gold Security

Gold Cloud Platform

Gold Windows and Devices
Gold Collaboration and Content

Gold Messaging

Silver Small and Midmarket Cloud Solutions

Silver Enterprise Mobility Management

Silver Application Development

Silver Project and Portfolio Management

Silver Datacenter

#### About us

Exelegent is a cyber security and professional services company where efficiency is standard, and our customers are our partners. Headquartered in Freehold, NJ with supporting offices in Newark, NJ and L'viv Ukraine, Exelegent leverages years of experience to bring about a world-class experience for our clients.

Our specialties include:

More

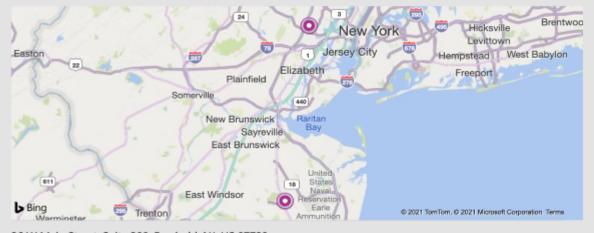
#### **Skills and Capabilities**

- · Advanced Analytics
- · Agriculture, Forestry, & Fishing
- · Application Integration
- Artificial Intelligence
- Azure
- Azure Security & Operation Management

#### **10 - Time Gold Microsoft Partner**



#### **Top locations**



36 W Main Street, Suite 300, Freehold, NJ, US 07728

495 N 13th street, Newark, NJ, US 07107

#### What our clients say:

"Exelegent helped our company migrate from G-Suite to Microsoft Office 365 with zero downtime and zero data loss. During the process, over 3,500 users continued to collaborate and run critical business functions seamlessly."

Robert Florescu, CISO, CityMD

"Switching to Exelegent has been a major contributing factor to the growth of our group. As a company looking to expand, we really value our employees' time and productivity. Exelegent's IT Support has enabled our business to run as efficiently as possible."

Bruce Lucarelli, CTO, DermOne

 "Exelegent has been with our hospital since we've opened our doors. Their experience in a wide range of projects and solutions, and management of vendors has made a tremendous impact on our efficiency"

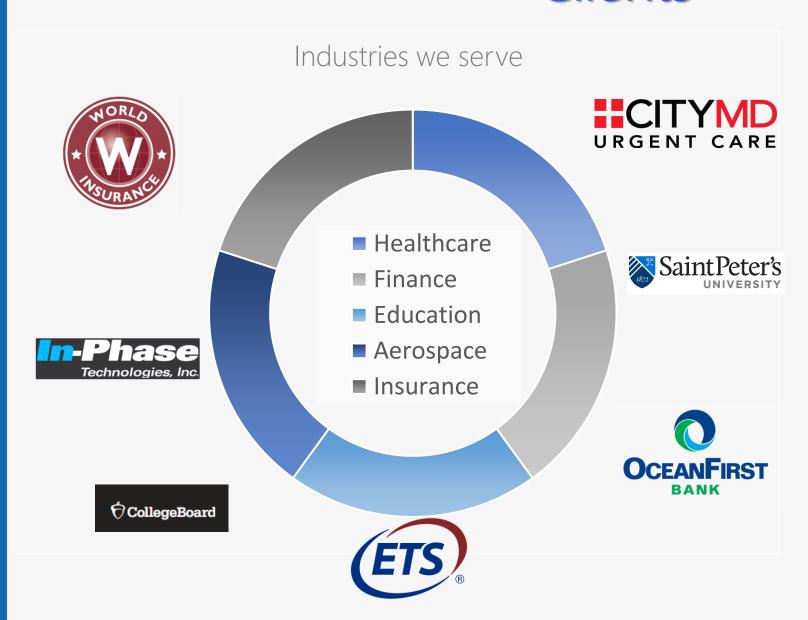
Alexey Gololobov, CFO, Columbus Hospital LTACH

"Exelegent has become our trusted business partner and completed migration on time, alleviated hosting responsibilities, and gave us capabilities to enable team productivity and data security.«

Kevin Hannigan, President, ACC Inc.



### Clients



#### **Data Governance Program Drivers**

#### Legislation and regulatory risk



- Patients' data privacy rights and healthcare industry regulations and policies mandate strong data security.
- The right to protection of personal data must be fair only carried out for specified purposes and with the consent of the person concerned.

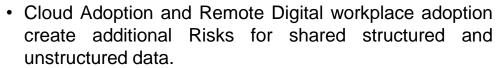
#### **Cybersecurity Risk**

 Healthcare experiences twice the number of Cyber Attacks as other Industries.



 Threats posed by cyber attackers are increasingly more sophisticated.

#### **Digital Workplace and Cloud Risk**





 Office for Civil Rights identifies healthcare partners for 12% of all breaches of data.

# How to protect data when its everywhere?



According to IDC, data volumes are growing at an average of 63% per month, with 12% of organizations reporting over 100% percent growth every month.



#### Data Governance Process Approach



# People and Teams

Data Stakeholders

Data Governance
Office(DGO)

**Data Stewards** 



# Rules and Engagement

Mission and Vision

Goals and Success
Metrics

**Data Classification** 

Data Rules and Definitions

Controls



#### **Processes**

Data asset management

**Data Onboarding** 

Partner/Vendor Management

Definitions and standards



#### **Technology**

Data quality management

Managed Detection & Response

Tools and technology



#### Data Governance Lifecycle





Data is created, imported, & modified across various locations



Data is detected Across devices, cloud services, on-prem environments



Sensitive data is classified & labeled Based on sensitivity; used for either protection policies or retention policies



based on policy
Protection may be in the form of encryption, permissions, visual markings, retention, deletion, or a DLP action such as blocking sharing



Data travels across various locations; is shared with others

Protection is persistent, travels with the data



Data is monitored

Reporting on data sharing, usage, potential abuse; take action & remediate



Retain, expire, delete data Via data governance policies



#### Data Governance & Cyber Resilience Methodology Approach

Data Label, Data Element, Continuously monitor controls Data Owners, Data Custodians FIPS 199 / SP 800-60 and risks Starting Point SP 800,37 80 80,37 80 80,37 Categorize System Select Monitor Controls Controls NIST Control Baseline mapping Organization-wide to Systems and Applications Risk based decision about **Risk Management** system's authorization SP 800-39 /decommission Authorize System Assess Controls Technology implementation (MIP/AIP, etc.) Systems Scanning & Assessment SP 800-53A

#### Sensitive Data Workshop



Understand the risks of Dark Data

Discuss and understand the hidden privacy and regulatory risks of dark data and how to mitigate.



Discover privacy and regulatory risks of existing data Add insight into the organization's data across the organization.



Assess the customers Microsoft 365 environment

Assess against a set of controls for key regulations and standards for data protection and general data governance.



Analyze and report

Analyze the findings and associated privacy and regulatory risks. Provide insight and highlight most impactful.



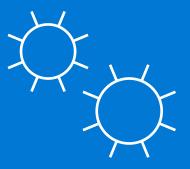
Learn about tools and services that can mitigate risks

How can cloud services help and what does this mean for the end user.



Recommendations and next steps

Provide recommendations for risk mitigation and define actionable next steps



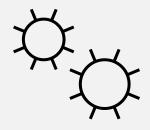
# **Engagement Objectives**

Discover Sensitive Data Workshop



#### **Automated Discovery**

#### Discovering the hidden privacy and regulatory risks



### Leverage Microsoft 365 Tools and Services

Information Protection & Governance, Data Loss Prevention, Content Search,



### Analyze data stored in the Microsoft 365 cloud

Focused on the most used applications:

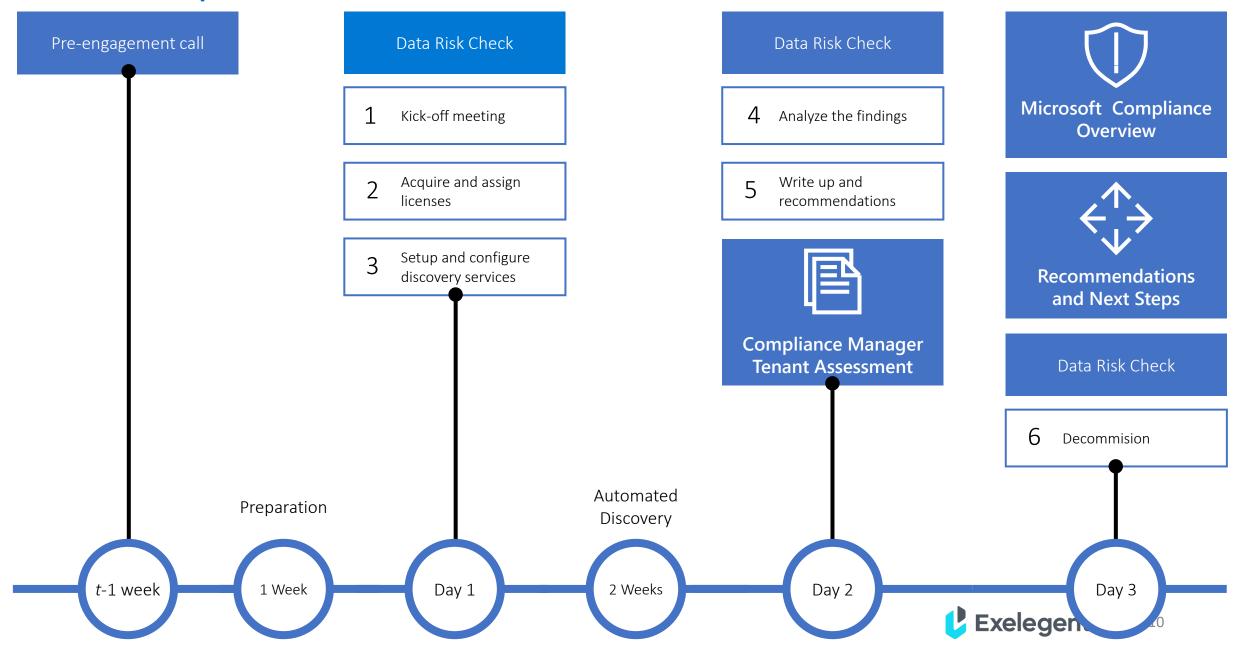
- E-mail Exchange Online,
- Document storage SharePoint Online and OneDrive for Business,
- Collaboration Teams



## Search for data and identify privacy and regulatory risks

Sensitive information, stale data

#### Workshop timeline



#### Data Detection - M365 Workloads All time Statistics

Sensitive info types	^
U.S. Phone/Fax Number	511318
U.S. Street Address	428738
U.S. Driver's License Number	343615
U.S. Physical Addresses	336143
U.S. Social Security Number (SSN)	122606
U.S. Individual Taxpayer Identification Number (ITIN)	87138
Impairments Listed In The U.S. Disability Evaluation Under Social Security	84776
U.S. Bank Account Number	45595
U.S. / U.K. Passport Number	360

Trainable Classifiers	^
Healthcare	134543
Resume	43426
Procurement	23307
Finance	19950
HR	16685
Legal Affairs	13474
Agreements	12418
Tax	9864
IP	6222
ΙΤ	4360
Source code	2887
Profanity	678
Threat	20
Targeted Harassment	13

Trainable Classifiers



#### Data Classification & Labeling – OneDrive & SharePoint All Time Statistics





	Data Governance - U.S. social security number (SSN) MCAS Pilot - U.S. social security number (SSN)	38,168 matches	Medi C Compliance
	Data Governance - Credit card number MCAS Pilot - Credit card number	6,753 matches	■■ Medi ② Compliance
	Data Governance - U.S. Passport Number MCAS Pilot - U.S. Passport Number	75 matches	■■ Medi ② Compliance
	Data Governance - U.S. driver's license number MCAS Pilot - U.S. driver's license number	36,710 matches	■■■ Medi ② Compliance
	Data Governance - U.S. bank account number MCAS Pilot - U.S. bank account number	9,351 matches	■■ Medi ② Compliance
	Data Governance - International classification of diseases (ICD-10-CM) MCAS Pilot - International classification of diseases (ICD-10-CM)	473,302 matches	■■■ Medi 2 Compliance
	Data Governance - International classification of diseases (ICD-9-CM) MCAS Pilot - International classification of diseases (ICD-9-CM)	610,556 matches	■■ Medi ② Compliance
	Data Governance - U.S. Individual Taxpayer Identification Number (ITIN) MCAS Pilot - U.S. Individual Taxpayer Identification Number (ITIN)	3,067 matches	■■■ Medi 2 Compliance
	Data Governance - SWIFT code MCAS Pilot - SWIFT code	2,118 matches	■■■ Medi
	Data Governance - ABA routing number  MCAS Pilot - ABA routing number	10,039 matches	■■■ Medi 🖸 Compliance
	Data Governance - IP Address MCAS Pilot - IP Address	23,150 matches	■■ Medi 2 Compliance
	Data Governance - International banking account number (IBAN)  MCAS Pilot - International banking account number (IBAN)	375 matches	■■ Medi 🖸 Compliance
Ď	Data Governance - Medicare Beneficiary Identifier (MBI) card MCAS Pilot - Medicare Beneficiary Identifier (MBI) card	22,098 matches	■■■ Medi 🖸 Compliance



#### **Data Monitoring - Statistics**

