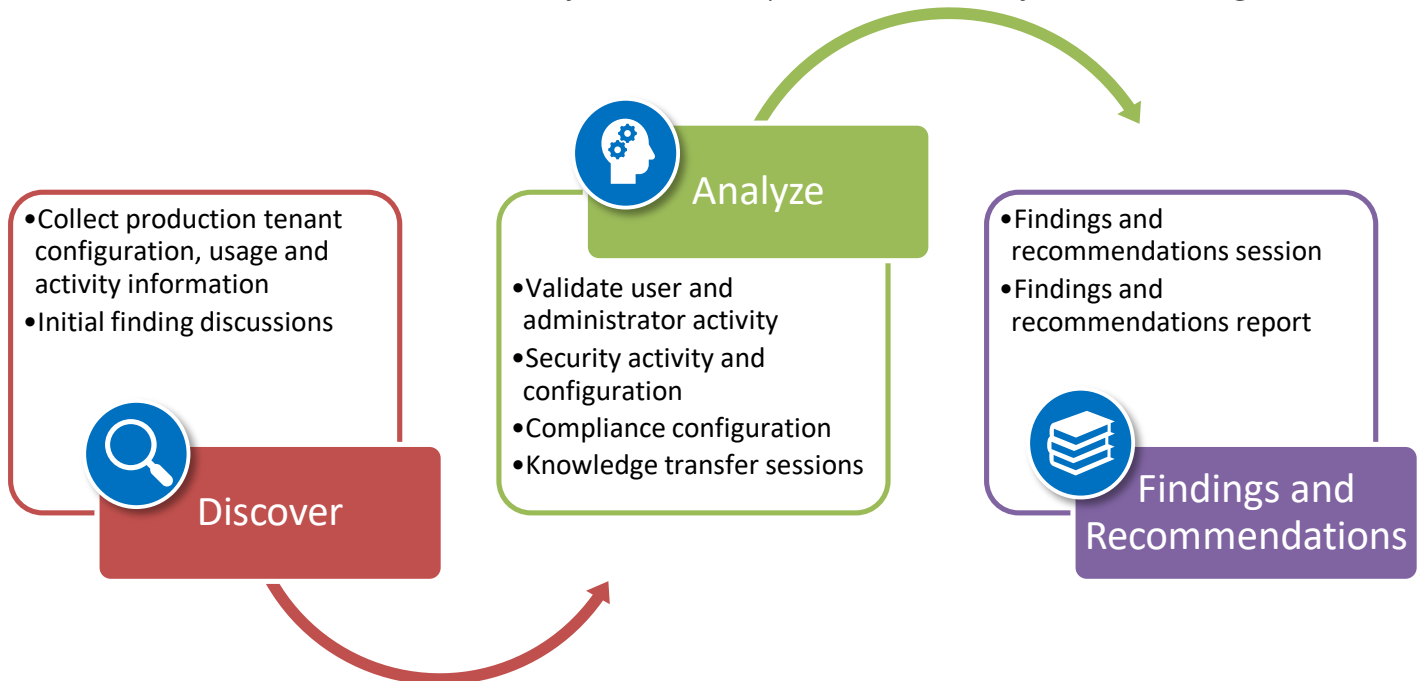# Microsoft 365
Rapid Cybersecurity and Compliance
Assessment

Considering the increasing volume and sophistication of cyber threats, Synergy Advisors developed the M365 Rapid Cybersecurity and Compliance Assessment Offering to help organizations identify their risks and assess their security and compliance activity and configuration.

Discover
- Collect production tenant configuration, usage and activity information
- Initial finding discussions

Analyze
- Validate user and administrator activity
- Security activity and configuration
- Compliance configuration
- Knowledge transfer sessions

Findings and Recommendations
- Findings and recommendations session
- Findings and recommendations report

E-Visor for M365

Collecting and, more importantly, **analyzing** all data across your multiple M365 workloads can be time consuming, which is why we incorporated our data analytics solution **E-Visor** to quickly provide findings and recommendations.

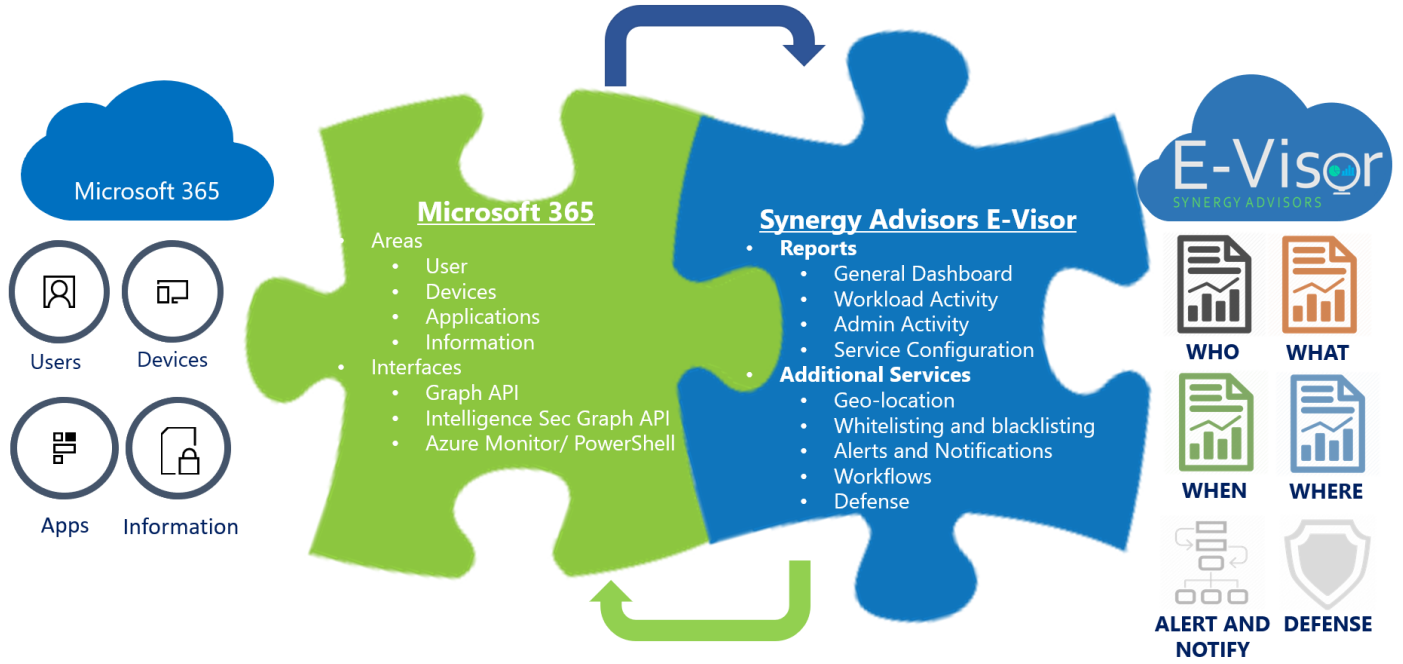| Activity	Security	Compliance	Best Practices
Activity and configuration review	Security status, recommended baseline, and best practices discussions	Compliance status and configuration improvement discussions	Key use cases review considering existing activity, configuration, security, and compliance needs

SYNERGY
ADVISORS

M365 Rapid Cybersecurity and Compliance Assessment

Why E-Visor?

The **E-Visor for M365** analytics solution provides an end-to-end comprehensive view into the activity, security, and compliance of your Microsoft 365 cloud services.

Microsoft 365

Microsoft 365

- Users
- Devices
- Apps
- Information

Microsoft 365
Areas
- User
- Devices
- Applications
- Information
- Interfaces
- Graph API
- Intelligence Sec Graph API
- Azure Monitor/ PowerShell

Synergy Advisors E-Visor
- **Reports**
  - General Dashboard
  - Workload Activity
  - Admin Activity
  - Service Configuration
- **Additional Services**
  - Geo-location
  - Whitelisting and blacklisting
  - Alerts and Notifications
  - Workflows
  - Defense

E-Visor
SYNERGY ADVISORS

WHO   WHAT
WHEN   WHERE
ALERT AND NOTIFY   DEFENSE

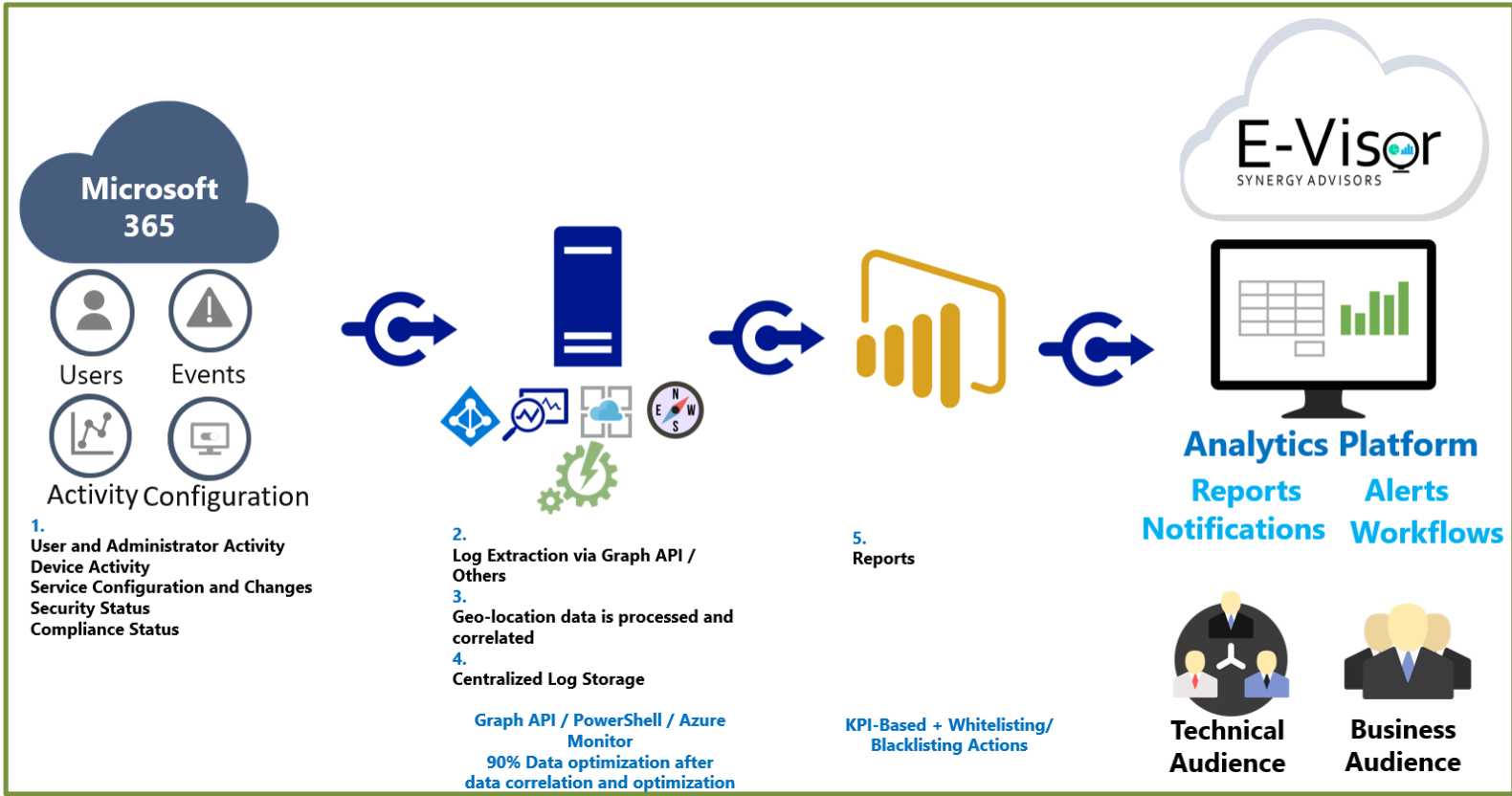## High-Level Engagement Delivery Plan [3-5 Days]

Discover	Analyze	Findings and Recommendations
E-Visor for M365: Assessment Tool Installation	Validate Tenant Usage, Configuration, Security and Compliance Knowledge transfer sessions	Present findings and recommendations based on E-Visor solution results
Install **2-4 Hours**	Working Sessions **1-2 Hours meeting**	Findings Sessions **2-3 Hours**

SYNERGY ADVISORS

How E-Visor Works?

Microsoft 365

Users
Events
Activity
Configuration

1.
User and Administrator Activity
Device Activity
Service Configuration and Changes
Security Status
Compliance Status

2.
Log Extraction via Graph API / Others
3.
Geo-location data is processed and correlated
4.
Centralized Log Storage

Graph API / PowerShell / Azure Monitor
90% Data optimization after data correlation and optimization

5.
Reports

KPI-Based + Whitelisting/ Blacklisting Actions

E-Visor
SYNERGY ADVISORS

Analytics Platform

Reports
Notifications
Alerts
Workflows

Technical Audience

Business Audience

Pre-requisites

Solution Requirements	Tenant Permissions	Scope
E-Visor Log Collector * 12 GB RAM WS2016 50 GB HD 4 Processors	**Permissions ** ** - User with read-access to different workloads - AAD App register to get data via Graph API	**M365 *** Office 365 (Teams Focused) EM+S W10
Azure VM On-Premises	**Read-only access**	**User, Admin Activity, Product, Security and Compliance View**

* Configuration baseline   ** Minimum permissions needed   *** Depends on customer subscriptions

Compliance

- Easily identify steps to achieve compliance
- Prioritized by impact and cost
- Grade your organization's compliance
- Match to HIPAA, GDPR, and more

Controls count
98

Evaluated certifications
11

Controls implementation progress
45.43%

Average compliance score

0 — 367 — 780

Evaluated certifications

Certification	%
Other	53.78%
CSA CCM301	42.27%
FedRAMP_Moderate	37.44%
NIST 800-171	37.39%
ISO 27018:2014	34.59%
NIST 800-53	33.96%
HIPAA	33.33%
GDPR	28.30%
NIST CSF	22.22%
ISO 27001:2013	18.57%
ISO 27018:2014_ID	0.00%

Implemented controls clustered by potential impact

Moderate	Low	High
122	112	133

Potential improvement clustered by expected impact

High 42.99% — Moderate 71.20%
Low 44.84%

Best Practices

- Evaluate individual settings at a granular level
- Granular best practices per control
- Actionable insights to increase your security posture
- Recommendations based on decades of real-world experience
- Filterable by workload and area

Control evaluation results

Assessment type	Impact	Recommended implementation order (lower values go first)
Synergy	High	0
Synergy	High	0
Synergy	High	0
Synergy	High	0
Synergy	High	0
Total		**0**

Overall evaluation
🟡 To be checked 🟢 As expected

46.15% 53.85%

Countrols count
17

Unique control settings considered
70

Unique products considered
4

Controls categories involved
3

E-Visor
M365 Rapid Cybersecurity and Compliance Assessment

User and Administrator Activity
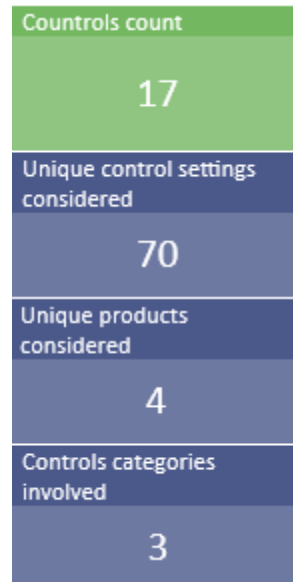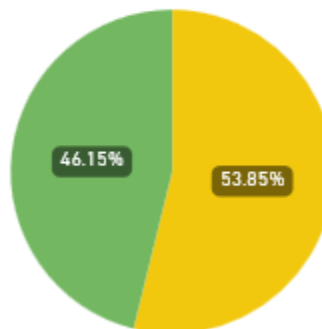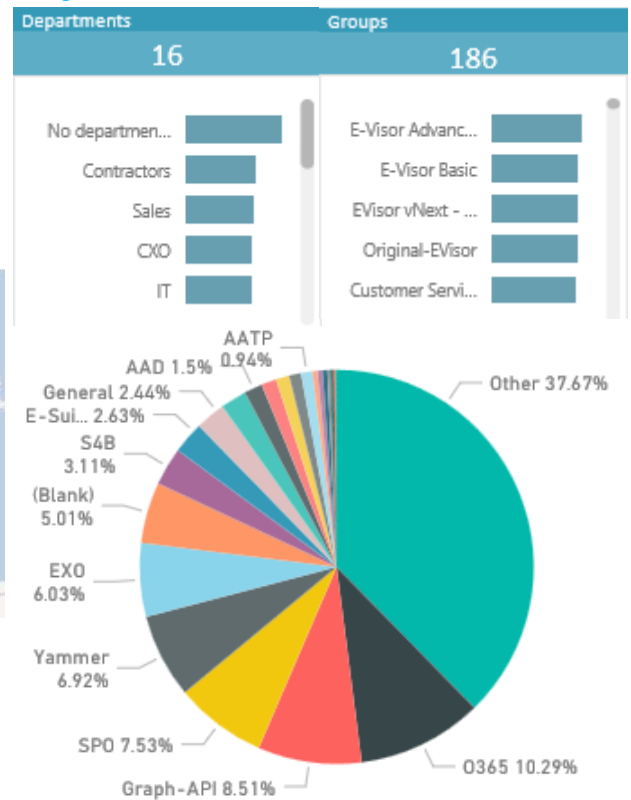
- Track user activity by application, department, group, and more

- M365 activity mapped to physical location

- Analyze the ROI of IT investments

- Make informed decisions

- Quickly review M365 data in a simplified correlated dashboard

- Trace activities of administrator accounts

Departments	Groups
16	186

No departmen...
Contractors
Sales
CXO
IT

E-Visor Advanc...
E-Visor Basic
EVisor vNext - ...
Original-EVisor
Customer Servi...

Activity by location
- Activity Failure
- Activity Success
- Security event

NORTH AMERICA

Pie chart:
- Other 37.67%
- AATP 0.94%
- AAD 1.5%
- General 2.44%
- E-Sui... 2.63%
- S4B 3.11%
- (Blank) 5.01%
- EXO 6.03%
- Yammer 6.92%
- SPO 7.53%
- Graph-API 8.51%
- O365 10.29%

Cybersecurity

- Investigation into individual attack activity

- Review cyber security trends

- Evaluate your security score against Microsoft's baseline

- Compare configuration to Synergy best practices

Synergy's security best practices score

8/29/2019 6:18:18 PM

Latest best practices assesment ti...

57.70%

127
Evaluated score

198
Goal

Security events details (*)

Event type	Events per event type
	3031
Impossible travel activity	402
DEMO - Files downloaded from u	321
DEMO - Administrative activity	265
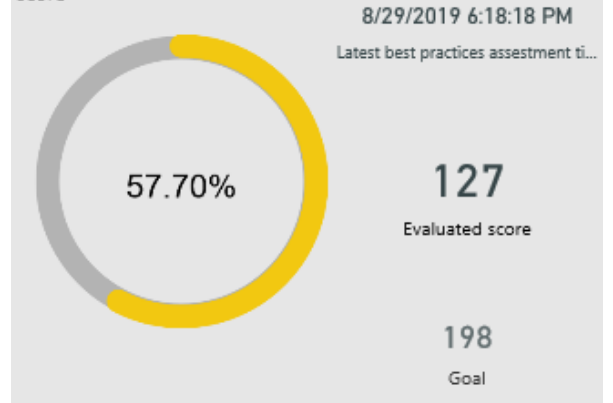
Synergy's best practices adoption by category

Category	Goal	Evaluated score	Progress
Identity	4	2	33.33%
Application	178	114	56.68%
Data	194	125	59.74%
Total	198	127	57.70%