# BDO DIGITAL MODERN MSSP & MICROSOFT SECURITY

The workplace is rapidly evolving with the increasing adoption of a remote workforce and new technologies. While organizations adapt to these changes, gaps in the approach and skillsets have led to an exponential increase in cyberattacks. Additionally, a new era of job reshuffling has even further depleted already stretched cybersecurity resources. All these modern workplace trends expose the lack of sufficient modern security tools, and/or limited in-house security experts and bandwidth to support the organization and deliver strong cyber defenses.

Organizations are quickly realizing that no one vendor or solution corners the market in terms of eliminating all risk. Implementing a comprehensive security toolset (such as the Microsoft Suite) can establish the core components, and then by applying a risk-based analysis the tools can be fully leveraged to provide a foundation against threats. BDO Digital has developed a cloud-native, fully integrated cloud solution that is comprised of people, processes, and technology that are working together 24/7/365 to leverage the toolsets to safeguard your organization from threats.

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WHAT CAN ORGANIZATIONS DO?

Cybersecurity is not a 'set it and forget it' program. It's not something we can set up and be done with. It requires continuous monitoring, careful attention to detail, constant updating, and more importantly a mature Cybersecurity Risk Management Program due to the evolving threat landscape. Cyber threats are ever increasing in volume, sophistication, and complexity. To protect your organization, it is required to have an always-on cybersecurity program.

Modern cloud platforms and artificial intelligence enabled solutions are helping organizations gain confidence and further reduce risk by embracing the ease and reach of security in the contemporary IT environment. This convergence, along with Microsoft's suite of security solutions, is enabling unprecedented levels of cybersecurity capabilities and protection. This paper goes on to outline how smart processes, Microsoft security solutions, and BDO Digital's experience can alleviate burdens without high cost and complexities.
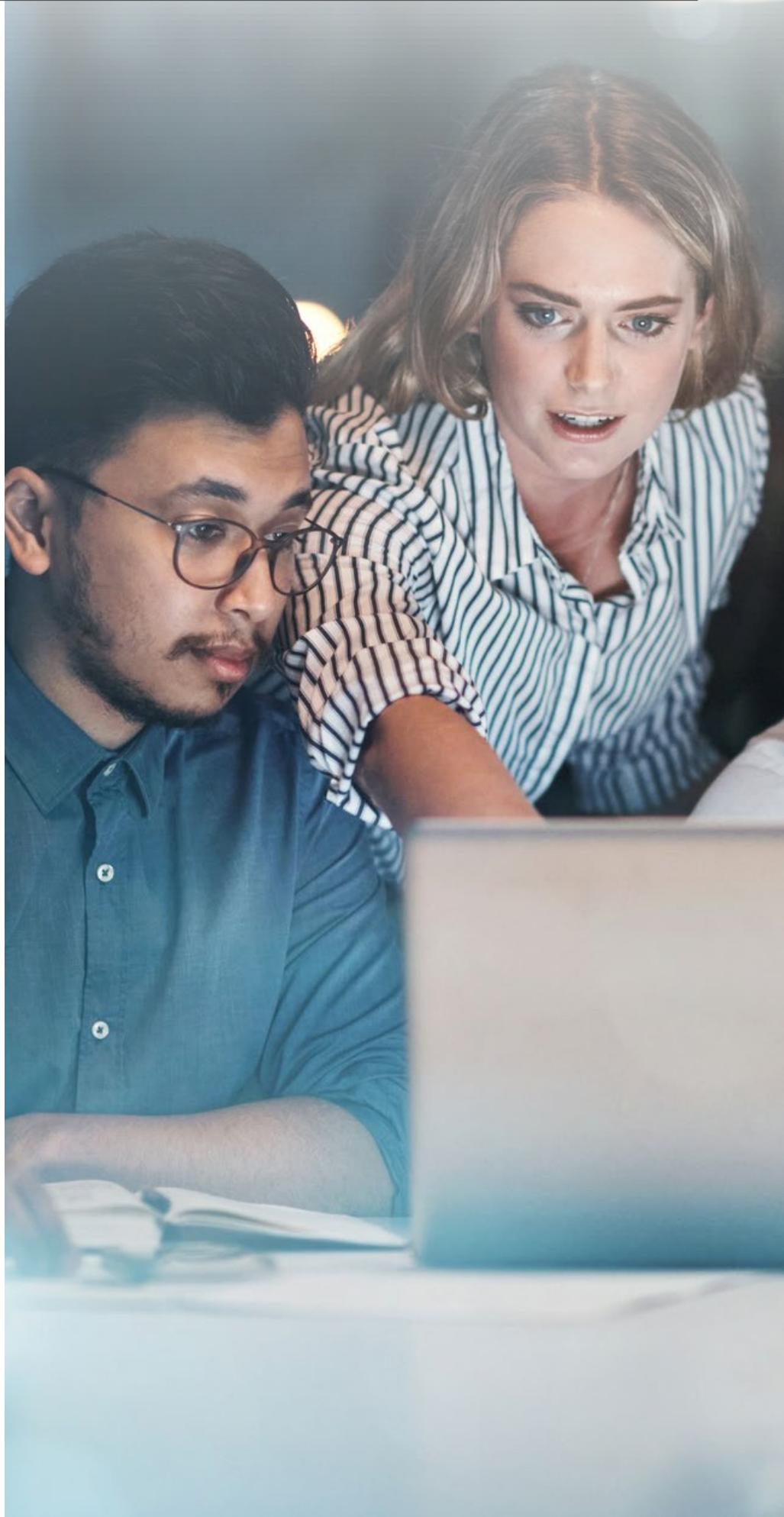
HOW BDO DIGITAL CAN HELP

We help our clients detect, mitigate, and reduce cyber-attacks and breaches that have the potential to disrupt business operations, damage their brand, and cause significant financial losses. BDO Digital leverages best in breed Microsoft security solutions, has deep expertise developing and managing cybersecurity programs, and brings to the table mature and defined processes to help build a zero-trust model that is rightsized for your organization.

Often organizations are not fully maximizing the benefits of Microsoft's security capabilities due to things like lack of awareness of what they already own (or don't), they have overlapping solutions in place, there are gaps in their deployments and configurations, and/or they are not well skilled and staffed to manage and evolve the security solutions and program. The reasons are numerous and encountered quite often. BDO Digital's intimate knowledge of the security landscape, the Microsoft security suite, proven methodologies, and modern security operations center (SOC) can take your organization's security posture to the next level. You don't need to be a security expert to get your organization maximizing your investment in security and the Microsoft E5 suite of products.

| Endpoint Protection | Threat Protection & Prevention | Cloud Security |

There are several funded Microsoft workshops delivered by BDO Digital that focus on endpoint protection, threat protection and prevention, and cloud security. These workshops are outlined below and help our customers enhance their cyber program and strategy.

ENDPOINT PROTECTION

Endpoint Management Workshop:

With users asking for more ways to work the way that they want, this workshop can show you how to manage both company-owned and user-chosen devices in the cloud.

Experience the power of modern device management within your own environment. This workshop can help show you how to leverage intelligent security, risk-based controls, zero-touch provisioning, advanced analytics, and deep integration to the Microsoft products you already use.

Workshop Highlights:

▶ Help improve your Secure Score with Microsoft Endpoint Manager

▶ Learn how to build management policies that protect your users, company data, and devices

▶ Gain insights about your users' endpoints and their compliance with your IT policies

▶ Determine the best way to give your users access to the apps they need on the devices of their choosing

THREAT PROTECTION & PREVENTION

Threat Protection Workshop:

Organizations today are managing a growing volume of data and alerts while dealing with tight budgets and vulnerable legacy systems. Get help achieving your broader security objectives and identify current and real threats by scheduling a Threat Protection Workshop. BDO Digital can help develop a strategic plan customized for your organization and based on the recommendations of Microsoft cybersecurity professionals. You'll gain visibility into immediate threats across email, identity, and data, plus clarity and support on how to upgrade your security posture for the long term.

Workshop Highlights:

▶ Identify real threats to your cloud environment with Threat Check

▶ Understand your security goals and objectives

▶ Deliver the end-to-end Microsoft security story

▶ Showcase security scenarios with product demos

▶ Develop joint plans and next steps

Microsoft Azure Sentinel Workshop:

Azure Sentinel delivers intelligent security analytics and threat intelligence across the enterprise, providing a single solution for alert detection, threat visibility, proactive hunting, and threat response. Get an overview of Azure Sentinel along with insights on active threats to your Microsoft 365 cloud and on-premises environments with an Azure Sentinel Workshop.

Workshop Highlights:

▶ Understand the features and advantages of Azure Sentinel

▶ Gain visibility into threats across email, identity, and data

▶ Better understand, prioritize, and mitigate potential threat vectors

▶ Create a defined deployment roadmap based on your environment and goals

▶ Develop joint plans and next steps

Managed Detection & Response (MDR):

BDO Digital has developed a solution leveraging Microsoft that delivers a global managed security monitoring and response solution, leveraging Microsoft Azure Sentinel. BDO Digital's global SOC provides continuous detection, protection and response for organizations. Our cybersecurity team provides around-the-clock alert monitoring and incident response using industry-leading technologies in addition to ongoing business advisory to reduce data breach risk and lower operational costs.

The Azure Sentinel Differentiator:

▶ Three-year 201% ROI - with a payback period of less than six months.

▶ 48% reduction in costs compared to legacy SIEM solutions, saving on expenses like licensing, storage, and infrastructure costs.

▶ 79% reduction in false positives and 80% reduction in the amount of labor associated with investigation, leading to $2 million in efficiency gains.

▶ A 67% decrease in time to deployment compared to legacy on-premises SIEMs

▶ Source: **Forrester The Total Economic Impact™ of Microsoft Azure Sentinel**
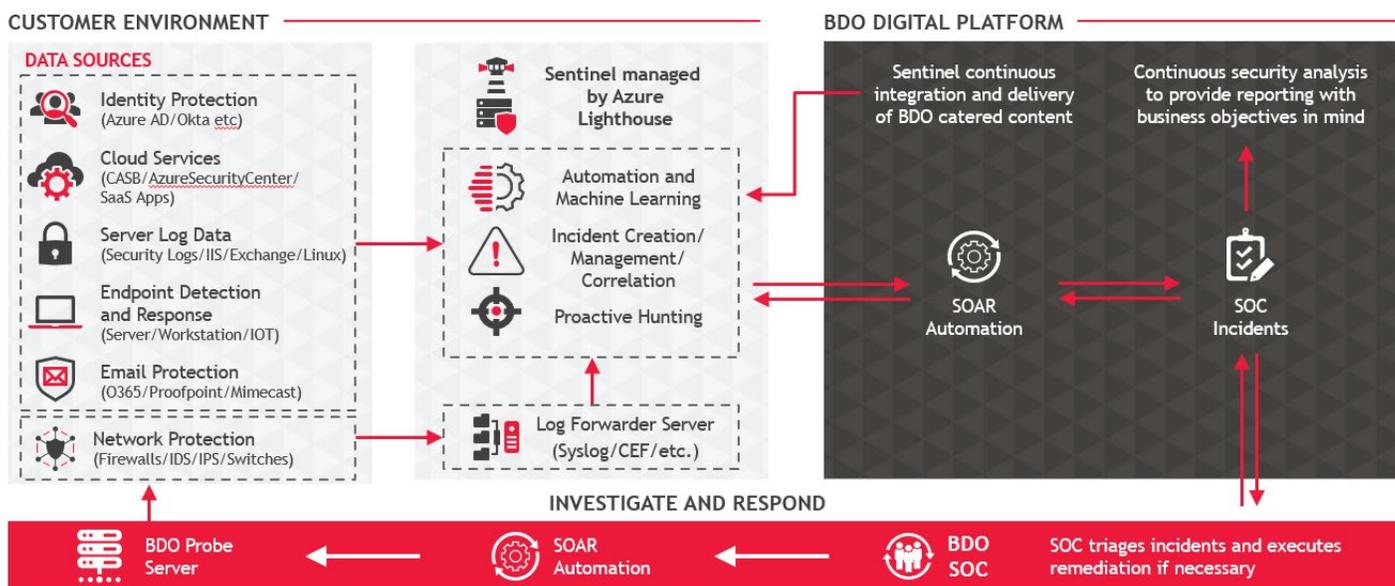
CLOUD SECURITY

Enforced Information Protection:

BDO Digital will deploy an information protection solution within Microsoft 365 using integrated tools, configure tools for insight into data leaving your organization and train your team on how to manage your external data sharing model.

Results:

▶ Data labeling rolled out

▶ Personally Identifiable Information (PII) visualized and acted upon within business parameters

▶ Full visibility into data sharing from Microsoft 365 core components

▶ Internal IT team able to react to under desirable sharing from Microsoft 365

In addition to these focused workshops, BDO Digital's expertise and methodology can help build a zero trust model to protect against threats and attacks. The model outlined below depicts how BDO Digital leverages Microsoft security tools to protect the organization at the modern edge as well as internal protection:
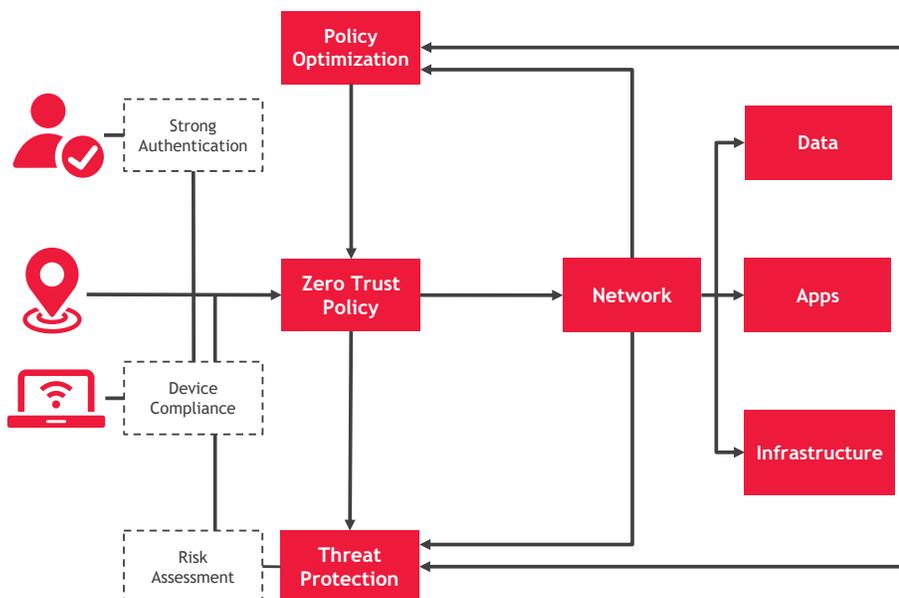
 BDO Digital's model leverages current investments in Microsoft security tools, and builds out a comprehensive security architecture that allows for constant evaluation and operates in a zero trust approach: verify explicitly, least privileged access and assume breach.

Zero Trust Implementation:

BDO Digital's team will help you focus on the critical priorities for your security foundation while our seasoned experience helps ensure smooth delivery to your organization.

This Zero Trust Baseline Implementation begins with a discovery session to level-set on operations, and then our team will begin the process of designing and deploying Zero Trust framework based on your business needs. By the end of this engagement, you will be presented with roadmap findings, proposed initiatives, and actionable first steps.

Results:

▶ Zero Trust Design

▶ Deployment to Pilot users

▶ Conditional Access

▶ Multi-Factor Authentication (MFA)

▶ 2 Defender workloads (such as Defender for Endpoint and Defender for Office)

▶ Technical Enablement Process for Organizational Rollout

WHY BDO DIGITAL

Capacity: We offer end to end cyber capabilities, serving clients of all sizes. Our national practice is backed by a global reach through our international network of over 300 additional security practitioners.

Professionalism: Our Cyber practice is built with our people at the core, people who have invested decades in thinking, building and improving cyber capabilities.

True Partner: Our ability to understand our client's businesses and strategies strengthened with our focus on client centricity allows us to help our clients better identify, assess and manage risks.

Flexibility: Our start up culture allows us to anticipate changes in demands and quickly pivot as the technology and threat landscape evolves rapidly.

Pragmatic: We link professionalism to practicality. Our service will define clear outcomes for our clients. Our advice is formulated clearly and concisely, we work with you to ensure any recommendations are right sized for your organization.

CONCLUSION

Drastic improvement is within reach and starting to happen. Smarter technologies are completely upending the industry's approach to security. Modern security programs are changing faster than ever and the use of contemporary technologies alongside a smart approach and experienced Microsoft security partners such as BDO Digital is helping to increase the pace of change and improvement, for those who are embracing it.

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