

# Magrabi safeguards clinical care with managed cybersecurity

Healthcare provider opts for 24x7 security monitoring service and protection at 40 percent less cost than hiring additional staff



## THE CHALLENGE

As cybersecurity threats continue to proliferate, internal security operations departments at organizations worldwide must devote significant resources to managing and analyzing an unrelenting flow of alerts and notifications. To address this challenge, Magrabi Hospitals and Centers, a major healthcare provider in Saudi Arabia considered hiring additional security operations employees to provide 24x7 monitoring.

Instead, Magrabi determined that outsourcing to a managed endpoint detection and response service would provide more comprehensive protection and at a lower cost. Magrabi evaluated managed detection and response service offerings from CrowdStrike and Bitdefender and selected Bitdefender Managed Detection and Response (MDR) Premium.

Mostafa Mabrouk, Corporate Information Security Manager, Magrabi Hospitals and Centers, explains, "We chose Bitdefender MDR because it would provide us with comprehensive endpoint control, detection, forensics, reporting, and protection. Viewing all the security components from a single console—from malware removal to sandboxing to quarantine to logs and more—was valuable to us. We also were impressed with the in-depth expertise and knowledge of the security analysts staffing Bitdefender MDR."

## THE SOLUTION

Bitdefender MDR provides Magrabi with outsourced cybersecurity operations 24 hours a day. The MDR Service incorporates industry-leading Bitdefender security technologies to provide comprehensive protection for endpoints, network and security analytics, and threat-hunting expertise from a Bitdefender security operations center fully staffed by highly experienced security analysts.

The MDR Service, which incorporates Bitdefender GravityZone Business Security Enterprise, provides Magrabi with endpoint protection, detection, and response (EDR) capabilities across nearly 3,000 endpoints. Magrabi's endpoints protected by MDR Service include Windows workstations; physical and virtual servers running VMware ESXi, Citrix XenServer, and XenApp; Citrix XenDesktop virtual desktops; Microsoft Directory servers, and Microsoft Exchange mailboxes.

Magrabi's MDR Service also includes Endpoint Risk Analytics to assess, prioritize, and address risk coming from endpoint misconfigurations and vulnerabilities. In addition, the MDR Service analyzes suspicious files, detonates payloads, and reports malicious intent to administrators, and provides tunable machine learning, advanced heuristics, and anti-exploit techniques. Additional MDR Service

Magrabi Hospitals and Centers is a leading network of 30 hospitals and medical centers across nine countries in the Middle East and Africa. Founded in 1955, Magrabi has evolved from a simple eye hospital in Jeddah, the first private specialized facility in the Middle East and Africa, to become the largest eye care network in the world, providing eye care to more than 1,000,000 patients and performing more than 100,000 sight-preserving surgeries annually.

**Industry**  
Healthcare

**Headquarters**  
Jeddah, Saudi Arabia

**Employees**  
1,096

- Results**
- Successful blocking of security breaches
  - Saved 15 hours a week on security administration
  - 40 percent less operational cost compared to hiring three additional employees
  - Patch compliance to automatically deploy security patches to servers

modules selected by Magrabi include GravityZone Patch Management to automate patching of vulnerable applications and operating system components.

## THE RESULTS

Magrabi places high value on the 24x7 monitoring, analysis, and remediation provided by the Bitdefender MDR solution. "The clinical staff at Magrabi provides patient care services that demand uninterrupted access to medical devices, IT systems, and data," says Mabrouk. "The soul of Bitdefender MDR is the 24x7 monitoring of our infrastructure to support this vital mission.

We have access to real-time notifications of suspicious activity and the support of Bitdefender's security experts to investigate and resolve any issues. The performance and protection provided by Bitdefender MDR has been perfect. We sleep better knowing Bitdefender will take action and stop an attack at any time day or night."

Improved efficiency and productivity have been additional outcomes of Bitdefender MDR, according to Mabrouk: "Bitdefender has removed the headache and burden from our staff. We have saved 15 hours a week, giving staff more time to focus on security analysis and other IT areas that benefit our clinical and business operations. We calculated our operational costs were 40 percent less by going with Bitdefender MDR compared to hiring an additional three employees to achieve around-the-clock monitoring."

Mabrouk continues, "With the GravityZone cloud console, it's easy for us to check our risk score, activity, and history of any incidents. We also like that we can deploy agents throughout the cloud rather than directly on the servers. This contributes to high endpoint performance even during scans."

Magrabi also depends on GravityZone Patch Management to automatically deploy security patches to servers in the Magrabi infrastructure.

The quality of the Bitdefender MDR experts also has been important, says Mabrouk: "The Bitdefender MDR team has been responsive, knowledgeable, and successful at protecting our valuable data. Our number one priority is providing top patient care and Bitdefender has been successful in supporting that at every turn."

*"We calculated our operational costs were 40 percent less by going with Bitdefender MDR compared to hiring an additional three employees to achieve around-the-clock monitoring."*

Mostafa Mabrouk, Corporate Information Security Manager, Magrabi Hospitals and Centers

### Bitdefender Footprint

- Managed Detection and Response Premium
- GravityZone Patch Management

### IT Environment

- Citrix XenApp
- Citrix Xen
- Desktop
- Citrix XenServer
- Microsoft Active Directory
- Microsoft Exchange
- VMware ESXi

### Operating Systems

- Microsoft Windows