

Bio-Rad Enhanced Cybersecurity Program

**Protecting Your Systems and Patients** 



# An Enhanced Approach to Product Cybersecurity

Bio-Rad is committed to working with hospitals and laboratories to protect your systems and mitigate potential security risks to patients and operators





# **Cybersecurity by Design**

The Bio-Rad Cybersecurity Program has adopted a "Cybersecurity by Design" approach to ensure that security measures are being integrated into each stage of our product lifecycle management. We know that clinical diagnostic systems, routinely connected with hospital networks, other medical devices, and the internet, are fundamental in improving laboratory workflow and supporting better patient care.

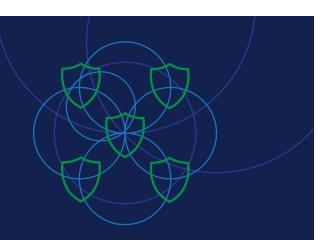
With more connectivity there is an increasing vulnerability to cybersecurity breaches which can potentially disrupt the delivery of critical services. As a trusted manufacturer and supplier of medical devices and services, Bio-Rad is committed to working together with you and your lab to mitigate against potential cybersecurity risks.

# More than ever we need vigilance

The healthcare industry is a prime target for cybercriminals looking to exploit vulnerabilities in systems and devices. Sophisticated measures are being employed to prevent data breaches and malicious attacks. Rest assured, we've placed cybersecurity at the forefront of our efforts to maintain critical services and protect patients. Our Product Cybersecurity Center of Excellence helps manage and lead all aspects of the Cybersecurity Program.



Bio-Rad utilizes an interconnected approach to maximize the protection of your diagnostic systems





### System Firewalls

### Does your system monitor all incoming and outgoing traffic?

Bringing a system online can revolutionize your workflow, but it can also expose your system to outside threats. Using system firewalls allows Bio-Rad to control the flow of information into and out of your diagnostic system to ensure that only safe and secure content is being shared.



#### Microsoft AppLocker

### Is your system protected against malicious software?

AppLocker is being validated and deployed on Bio-Rad diagnostic systems across our portfolio. AppLocker will help control what programs and executable services can be run on your diagnostic system, preventing unwanted applications.



### BlackBerry® Protect

# How do you protect your system against sophisticated cybersecurity attacks?

Bio-Rad is leveraging new and advanced antivirus technologies suitable for clinical diagnostics instruments. BlackBerry® Protect uses artificial intelligence driven malware prevention to provide prediction-based threat prevention with over 99% efficacy.



#### **BRiCare**

# Is your system monitored to detect abnormal behavior?

Bio-Rad's remote support and monitoring system is a secure software application designed to increase instrument availability and reduce response time for technical support calls. BRiCare also collects product cybersecurity related information which can be used to mitigate against a malware attack should the need arise.



### **Security Updates**

# Are you sure system security patches do not impact functionality or performance?

No operating software can anticipate every future cybersecurity threat. Security updates are the mechanism for responding to the latest vulnerabilities. EPIK (Easy Patch Install Kit) allows for automated installation of the latest compatible security updates that have been rigorously tested by Bio-Bad before release.

## **Bio-Rad Product Cybersecurity Program**

### Building a secure system for operators and patients

As new cybersecurity threats evolve, Bio-Rad is evolving the defense. Bio-Rad Laboratories has developed a new, comprehensive approach to cybersecurity to ensure that your critical diagnostic laboratory systems are protected from digital threats. Utilizing a multi-pronged approach, Bio-Rad's cybersecurity program goes beyond just endpoint security, integrating cybersecurity thinking into all steps of product development and execution. At Bio-Rad, we are committed to working with you to protect our systems and maintain critical patient information and services.



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For ordering information and all other inquiries, please contact your Bio-Rad Account Manager. For additional questions or concerns, please contact Bio-Rad Laboratories Technical Support. In the USA and Puerto Rico, call toll-free 1-800-2BIORAD (224-6723), 24 hours a day, 7 days a week. For outside the USA, contact your regional Bio-Rad office.



Bio-Rad Laboratories, Inc. For more information about our Cybersecurity Program and to view our BlackBerry® Protect offering, visit our website page at bio-rad.com/product-cybersecurity

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