

**Patient Privacy.  
Your Security.  
Our Priority.**

## M-Secure

### Cybersecurity

**Mindray ultrasound systems come with a robust suite of cybersecurity features keeping you focused on what matters most; elevating patient outcomes.**

Medical devices are increasingly connected to the Internet, hospital networks, and to other medical devices to improve healthcare and increase the ability of healthcare providers to treat patients. These same features also increase the risk of potential cybersecurity threats per the Food and Drug Administration (FDA), which recently issued updated guidance with the expectation that manufacturers have a responsibility for identifying and mitigating cybersecurity risks for their medical devices.

At Mindray, it is our mission to ensure patient privacy by developing a clear strategy to secure our ultrasound systems. We believe that a multi-layered approach is the best practice in keeping patient information confidential. By implementing the top standards for data encryption, access control, and malware protection, Mindray's M-Secure uses a strategic approach to secure patient data – and it's all included in our unmatched 5-year, state-of-the-art guarantee.



# M-Secure Feature Suite

Keeping your data secure from all angles



## Data Encryption

M-Secure Data Encryption uses proprietary mathematical functions to encrypt data stored on a hard drive and prevent unauthorized access to patient data.



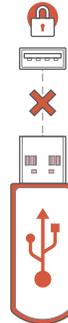
## Anti-Virus

M-Secure Anti-Virus utilizes ClamAV® anti-virus database to prevent, detect, and remove all potential threats to the system's hard drive.



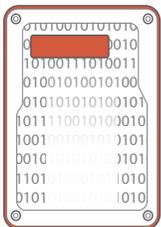
## Wired/Wireless DICOM Encryption

M-Secure DICOM Encryption supports Transport Layer Security (TLS) Certificate and VPN to protect sensitive patient information when transferred from one device to another over a system's network.



## Operating System (OS) Hardening

M-Secure Operating System Hardening helps minimize security vulnerabilities to outside threats. With this feature, system administrators may choose to remove all non-essential software programs and lock down all external ports (USB, CD/DVD).



## Secure Data Wipe

If a data breach is suspected, M-Secure provides the ability to protect patient information by completely erasing all patient information on a system's hard drive.



## Access Control

M-Secure supports local user access and LDAP (Lightweight Directory Access Protocol), the industry standard application protocol to manage user profiles and accessibility on the Active Directory (AD). With this tool, system administrators will have the ability to define multiple user account types, manage permissions, and support password and account lockout procedures.

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# mindray

healthcare within reach