



L C I E

# CYBERSECURITY

## OUR OFFER

- Pentests
- Risk analysis
- Gap analysis
- Assessment and certification
- Support
- Training

## YOUR MD UNDER CYBERSECURITY TESTING

- Reconnaissance
- Vulnerability scanning
- Manual exploitation
- Performed in 3 stages (black, grey, white box)
- *Static Code Analysis / Dynamic code analysis*
- Retest after a Penetration testing to verify fixed vulnerabilities

# MEDICAL DEVICES

Thanks to its level of expertise, the LCIE Bureau Veritas cybersecurity team can help you bring secure medical devices to market that **comply with MDR and FDA requirements.**

## OUR SOLUTIONS TO MEET INTERNATIONAL REQUIREMENTS :

	ANSI UL 2900	IEC 62443-4-2 IEC 60601-4-5	IEC 62443-4-1 IEC 81001-5-1	ISO 14971 AAMI TIR 57
Security controle (state of the art)	X	X		
Security guidance and labelling	X		X	
Testing evidence	X		X	
Code review and vulnerability scan	X		X	
Risk management	X		X	X
SDLC Processes			X	
Post market			X	

To fully meet FDA and MDR requirements, the best solution is **to comply with both ANSI UL 2900 and IEC 81001-5-1.**



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## WHAT YOU NEED TO MEET MDR AND FDA REQUIREMENTS



Cybersecurity Risk Analysis

- + Security guidance & labelling
- + Security control documentation
- + Security control implementation
- + Security control verification

## OUR SERVICES FOR A SUCCESSFUL LAUNCH ON THE MARKET

- Risk management process definition
- Risk management process application on product(s)
- Validation testing
- Penetration testing
- Code review/vulnerability analysis
- Gap analysis vs MDR and/or FDA and/or UL2900 and/or IEC 81001-5-1 document based
- Certification



UL2900-2-1  
Certification

IEC 81001-5-1

IEC 62443-4-2  
IEC 62443-4-1



## WHY CHOOSE LCIE BUREAU VERITAS ?

- Testing laboratory with over 140 years of expertise
- **Multidisciplinary technical** expertise under one roof
- **Wide scope** of testing capabilities
- **Support** at all stages of your product life cycle
- Third Party Laboratory, providing **impartiality, consistency and confidentiality**
- As a Recognized Training Center, LCIE Bureau Veritas offers **training sessions that can be tailor-made** to your needs and delivered in-house or at our premises.

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