EUROPEAN UNION AGENCY
FOR CYBERSECURITY

THE "SECURE BY PROCUREMENT" PERSPECTIVE IN HEALTHCARE CYBERSECURITY

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ENISA GUIDELINES FOR PROCUREMENT IN HEALTHCARE

February 2020

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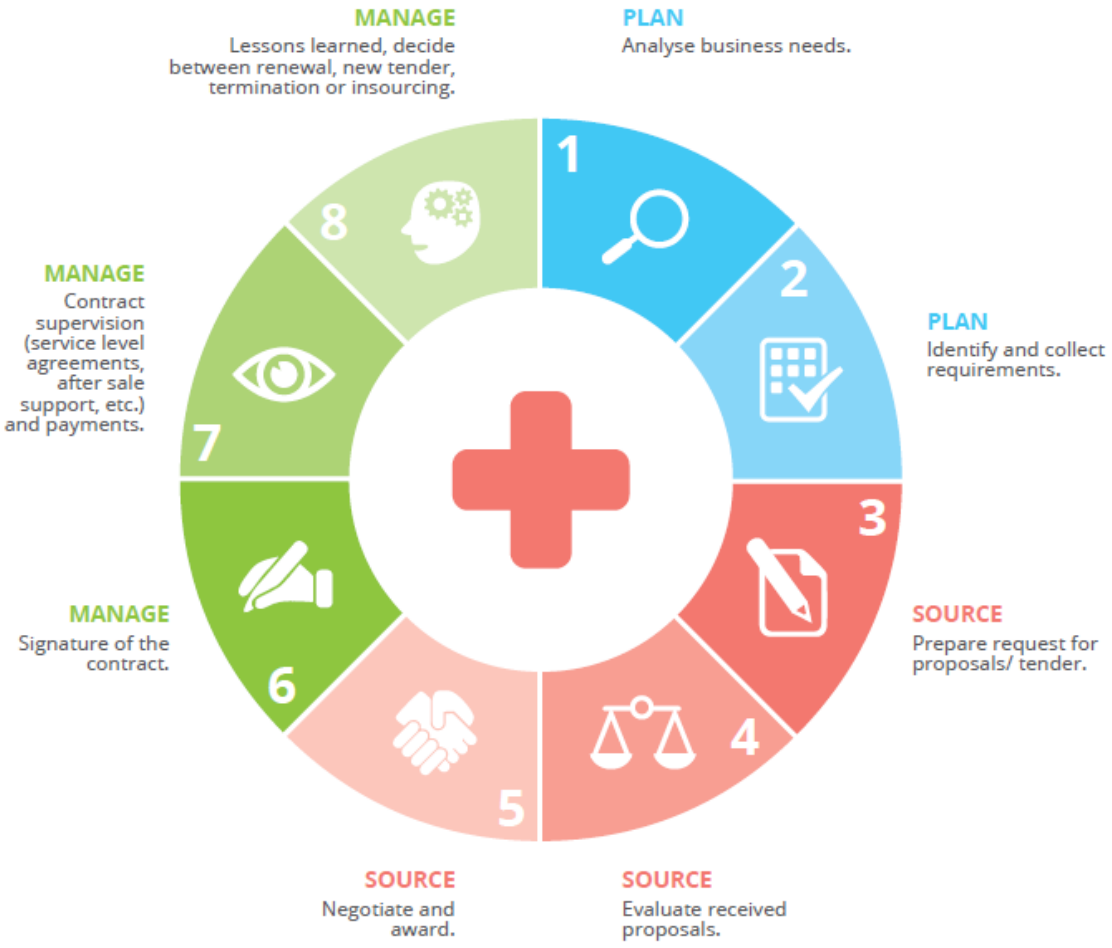
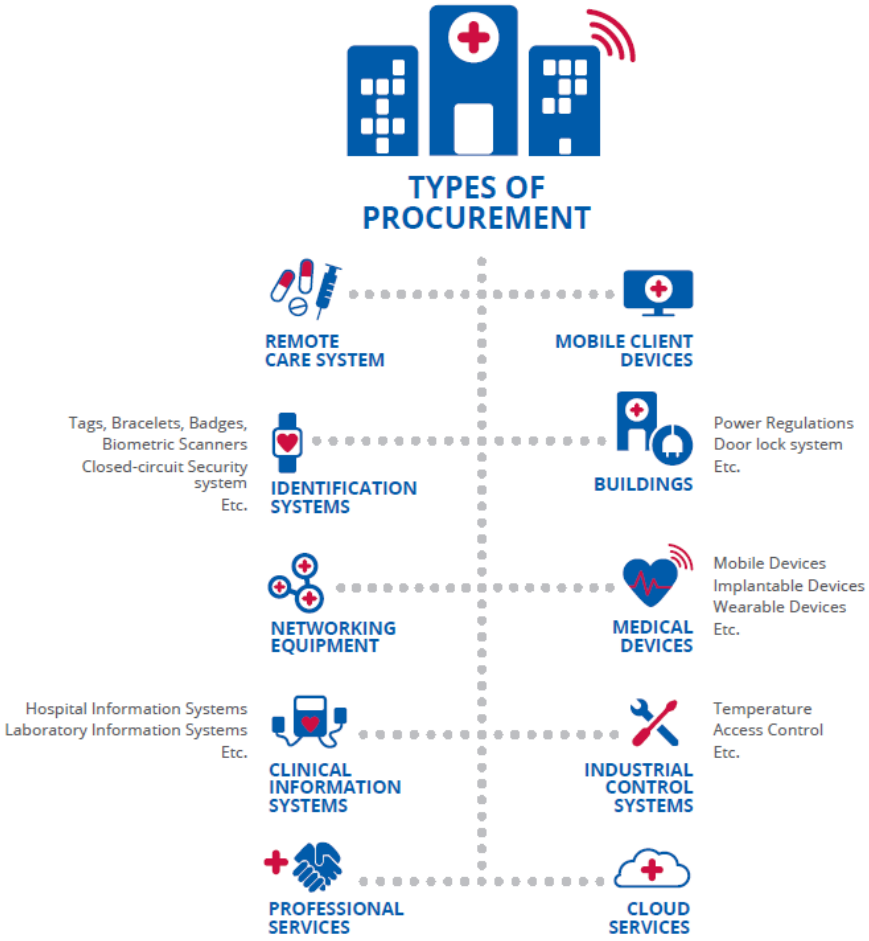
Online Tool

Translations in all EU languages

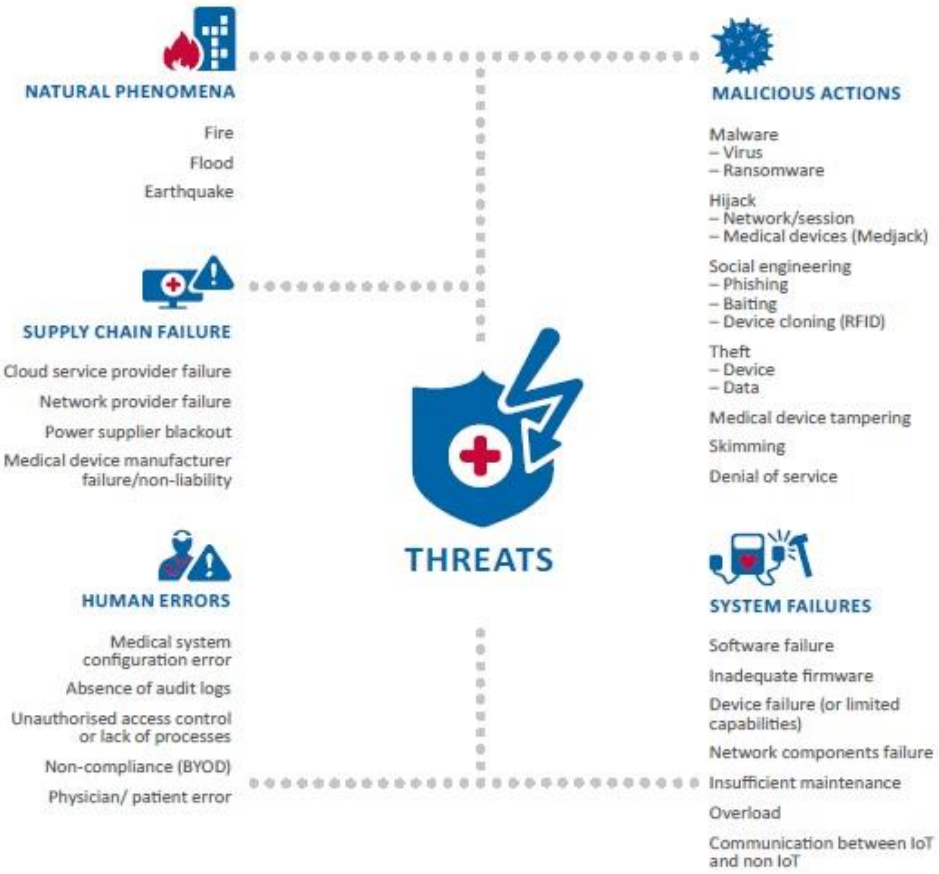
CYCLE OF PROCUREMENT



TYPES OF PROCUREMENT



THREAT TAXONOMY



GOOD PRACTICES FOR CYBERSECURITY IN PROCUREMENT

Organisational Practices

- Involve the IT department in procurement
- Asset inventory / configuration management
- Vulnerability identification and management
- Develop incident response plans
- Risk assessment as part of procurement
- Establish testing policies
- Threat identification for products/services
- Establish Business Continuity plans
- DPIA for new products/services
- Establish eligibility criteria for suppliers
- Raise cybersecurity awareness among staff
- Policy for hardware and software updates
- Provide training to staff / external consultants
- Plan network, HW and license requirements

GOOD PRACTICES FOR CYBERSECURITY IN PROCUREMENT

Technical Practices

Require cybersecurity certification	Allow auditing and logging
Determine network requirements	Schedule / monitor maintenance operations
Segregate your network	Involve supplier in incident management
Keep legacy systems/machines connected	Penetration testing frequently or after change
Take into account interoperability issues	Dedicated RFP for procuring Cloud Services
Access control for medical device facilities	Minimise / control remote access
Security controls for wireless communication	Encrypt sensitive data at rest / in transit
Enable testing of all components	Require patching for all components

PROCUREMENT GUIDELINES - RECOMMENDATIONS

- New **regulations, policies and standards** are setting the framework
- **Procurement goes beyond the RfP** when it comes to cybersecurity
- **Staff awareness/training** is key
- Cybersecurity is a consideration for the entire **lifecycle**
- Suppliers should be involved in **post-procurement** stages (e.g. incident response, patching, vulnerability disclosure)

THANK YOU FOR YOUR ATTENTION

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