OUJASPTOPIS INTERNET OF THINGS

Use of easily bruteforced, publicly available, or unchangeable credentials, including backdoors in firmware or client software that grants unauthorized access to deployed

Weak, Guessable, or Hardcoded Passwords

systems.

2	Insecure Network Services Unneeded or insecure network services running on the device itself, especially those exposed to the internet, that compromise the confidentiality, integrity/authenticity, or availability of information or allow unauthorized remote control
3	Insecure Ecosystem Interfaces Insecure web, backend API, cloud, or mobile interfaces in the ecosystem outside of the device that allows compromise of the device or its related components. Common issues include a lack of authentication/authorization, lacking or weak encryption, and a lack of input and output filtering.
	Lack of Secure Update Mechanism Lack of ability to securely update the device. This includes lack of firmware validation on device, lack of secure delivery (un-encrypted in transit), lack of anti-rollback mechanisms, and lack of notifications of security changes due to updates.
	Use of lnsecure or Outdated Components Use of deprecated or insecure software components/libraries that could allow the device to be compromised. This includes insecure customization of operating system platforms, and the use of third-party software or hardware components from a compromised supply chain.
5	Insufficient Privacy Protection User's personal information stored on the device or in the ecosystem that is used insecurely, improperly, or without permission.
7	Insecure Data Transfer and Storage Lack of encryption or access control of sensitive data anywhere within the ecosystem, including at rest, in transit, or during processing.
3	Lack of Device Management Lack of security support on devices deployed in production, including asset management, update management, secure decommissioning, systems monitoring, and response capabilities.
	Insecure Default Settings Devices or systems shipped with insecure default settings or lack the ability to make the system more secure by restricting operators from modifying configurations.
	Lack of Physical Hardening

ack of physical hardening measures, allowing potential attackers to gain sensitive nformation that can help in a future remote attack or take local control of the device