

Before acquiring a Device Security Management Solution

	Is the communication encrypted?
	Is every access authenticated and logged?
	Does the communication involve internet access?
	If cloud components exist, is the Cloud and Cloud operations certified?
	Is the data stored securely? Third parties involved?
	Have privacy and audit requirements been met for data and access to data?
	Is support available?

During Deployment of Device and/or solution

	Is the device deployed at secure locations?
	Are all the unneeded access ports closed so tampering can be detected?
	Is the network planning done and the access rights to the internal network determined?
	Is access to the internet determined and understood?
	Are vulnerability assessment and penetration testing complete?

During Operation of Device and/or solution

	Identify in real time all your connected devices
	Audit and track location, assignment, and other details in an asset management system
	Develop deep context on every device
	Turn off any functionality that's not needed
	Regularly check for default usernames, passwords, change passwords regularly
	Understand functionality and control internet access
	Control access to network and implement strict segmentation
	Monitor that only permitted, authorized devices exist in each segment
	Perform regular risk & vulnerability assessment, pen testing and patch updates
	Implement strong real time policies to alert on issues
	Monitor behavior and Implement tools for real time anomaly detection
	Monitor device movement and implement micro-location-based alerting
	Monitor operational time of the devices
	Ensure proper disposal of devices, remove credentials and access rights for employee, contractor devices once they are no longer in organization.

About WootCloud

WootCloud is the only smart device security platform that uncovers unmanaged devices on both the radio and network spectrum and analyzes over 300 device parameters to generate device risk scores. This helps organizations discover gaps in their device risk posture and the opportunity to close these gaps. A privately held company, WootCloud is headquartered in San Jose, California, with offices in India and Argentina.