

Report on Patient Privacy Volume 22, Number 6. June 09, 2022 'Connected' Medical Device Security Checklist

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Network segmentation that takes medical workflows and patient care contexts into account “is hugely beneficial” for reducing risk, according to a Cynerio report.^[1]

Such segmentation “addresses over 90 percent of the critical risks presented by connected devices in hospitals and is the most effective way to mitigate and remediate most risks that connected devices present,” the report said.

“A large, unsegmented network presents a large attack surface that can give adversaries who do manage to gain access free rein to move laterally across critical data and resources,” the report said. “Segmentation divides a network into multiple parts...with each segment acting as an isolated sliver of the network. In broad terms, more segments mean a more secure network since they make traversing the network without authorization much more difficult for adversaries.”

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