



Threat Modeling the Internet of Things

David Holmes¹

¹*F5 Networks*

The term Internet of Things (IoT) usually conjures up nightmare scenarios of consumer security. But consumer applications are only one aspect of IoT: there's also the smart city movement, ICS and manufacturing. In all cases except ICS, IoT is a nascent industry and has a lot to learn from Secure Development practices. One of those practices is threat modeling, and there is a dearth of threat modeling guidance for IoT developers and manufacturers.

This talk provides a threat modeling framework specific to IoT in three parts: scoping the technology specific to IoT, defining a threat model assessment (TMA), and then putting the two together for an IoT TMA.