ABIresearch®

GUIDE TO IOT SECURITY

TARGETED TECHNOLOGIES **VULNERABLE TECHNOLOGIES** PROTECTING OPERATION TECHNOLOGIES



Hardware Security Issues

What types of secure hardware can be applied that fit to small and powerconstrained devices? Lightweight and not too resource-intensive but still provide





Consumer Protection Questions

IP Connectivity New Vector

Device connecting to the Internet and to all

the malware, viruses, worms, trojans, and other crimeware that exist online

The protection of **consumer** information as they use smart products. This information could be about **behaviour**, **location**, **habits**, etc

VULNERABLE TECHNOLOGIES

PROTECTING OPERATION TECHNOLOGIES

Int Security Development

The Big Push - what's going to happen first? Hardware, Gateways, and Applications will be secured first. Then the rest will follow.



SECURE ELEMENT AS EMBEDDED IN THE DEVICE



THE SECURE GATEWAY



SECURITY AT APPLICATION LEVEL

