# Appendix F:

## Detection & Mitigation Techniques

## 1   Introduction

There are an estimated 31 billion devices currently in use. As these devices are being adopted in all aspects of life - from home devices, medical devices, industrial devices - there are valid concerns raised about the security capabilities of these devices.

## 2   IoT Device Resources

Internet of Things devices are typically low-power devices and sensors. These devices are network connected, and often interact with a users personal information. As an affect of the low power resources used on these devices, the devices critical functions take precedence in terms of memory or processing performance. This leaves little availability in terms of available resources for aspects such as security.

## 3   Conclusion