



## IoT-Based Smart Security Alarm Systems

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### Message from the Guest Editor

The term “Internet of Things” (IoT) is increasingly emerging in the security sciences. These systems offer many possibilities to integrate the Internet into alarm system components or to complement and connect existing solutions. Compliance with technical standards focused on alarm systems will be an interesting challenge. Without meeting the parameters set therein, it is not possible to talk about professional alarm systems, and dealing with a possible insurance event can be complicated. All components of the alarm system shall, according to the standard, meet the appropriate degree of security. Despite minor complications, the market opens up a room for the use of IoT alarm devices in homes and the implementation of IoT functions into professional alarm systems. The majority of them are now programmed via an Internet interface and include the ability to connect the alarm system to a mobile phone application. This includes cybersecurity solutions that should address the risks associated with data sharing and network security.

