



# SIA CLOUD, MOBILITY & IoT SUBCOMMITTEE

## Why We Exist... Security's Changing Context

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The following 8 points illustrate why the SIA Cloud, Mobility and IoT Subcommittee exists and why its important for the industry:

1. Many IoT devices will produce data that is useful to the security mission.
2. We can only harvest this value for our customers if, as an industry, we are building solutions that can talk to them.
3. These devices will use one of several communications standards originating outside the security industry; namely, by IoT vendors, consortia, and the dominant Silicon Valley players (Google, Apple, Cisco).
4. On the cloud side of this equation, many off-the-shelf tools (e.g., big data analytics) already support some of the IoT standards, and these tools can be very useful in building security solutions.
5. Interconnectivity holds the promise of enhancing security, however, there are new and emerging risks that will need to be addressed (like cyber security, large-scale failures, performance, signal priority, etc). The security industry is well-positioned identify and provide leadership to mitigate these risks.
6. IoT providers are already providing alternative solutions to the traditional security industry market. It is therefore in the industry's interest as a whole to understand this transition and how it affects our business environment.
7. The SIA Standards Committee has an advisory and educational role in addition to its standards-making role. Therefore, given the significance of IoT and its dependence on technical standards, it is within our charter to provide guidance to our constituents on how IoT is relevant to industry.
8. Some IoT standards use Profiles to extend core standards to certain widely applicable use cases. The SIA Standards Committee may have a standards-making role in contributing Profiles to the relevant IoT standards bodies and consortia in the interest of furthering the goals of the security industry.