



# Veridify Group Theoretic Cryptography RA2 Security Solution

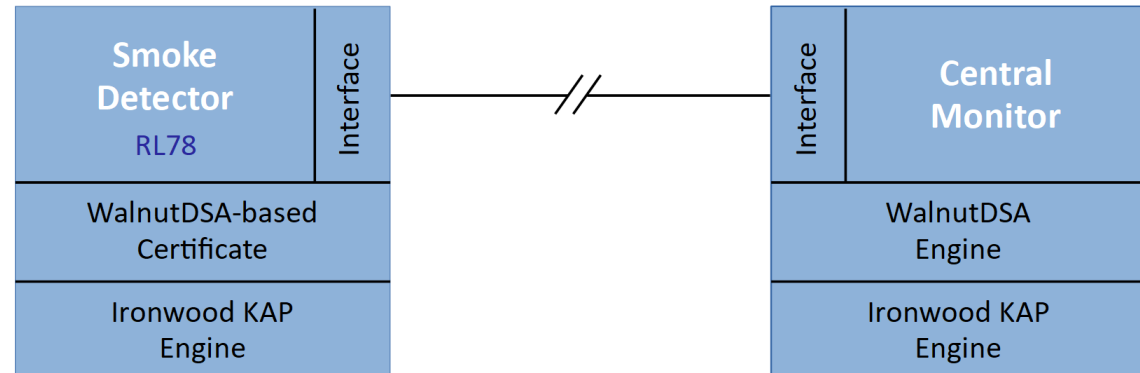
## Key Features

- Fast, small and energy efficient cryptographic methods ideal for the RA series and the low resource end points they connect to.
- Delivers superior performance, 10X faster than ECC
- Quantum-resistance provides future-proof authentication and data protection

## Target Applications

- Secure boot
- Identification
- Secure firmware update
- Data integrity
- Remote authentication
- Data confidentiality

## Typical Use Case



Wireless detectors are at risk for cyber attack. Implementing security enables the central monitoring station to authenticate detectors before acting on their messages, and to ensure that the messages they send have not been altered.



Learn more at [www.Renesas.com/ra-ready](http://www.Renesas.com/ra-ready)