



# Are you able to account for all personnel in a site emergency?

## SMI Mustering

*In a site emergency situation companies have a corporate responsibility, frequently underpinned by legislation, to be able to account for all personnel, to know who is safe and who is missing. Whilst many access control systems have a Mustering function what happens if that system is inaccessible or not operational?*

**SMI are developing a Mustering solution that can be used to keep track of on-site personnel during an emergency. The system operates independently of the main access control system and is designed to be available when that system is down**

### EXPERIENCE

SMI has been developing and honing core competency in Mobile Product development for over 10 years.

### RELIABILITY

SMI's products and solutions are used in a wide range of industries, providing mission-critical reliability

### GLOBAL PRESENCE

SMI has products and solutions in over 50 countries around the world

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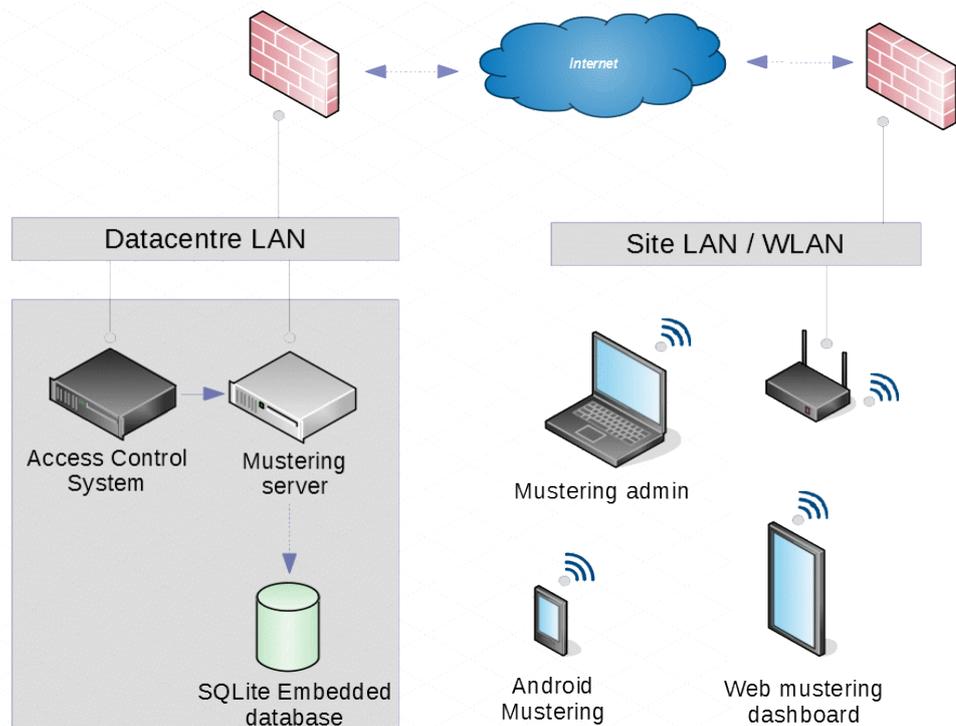
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### What does it do?

*The system keeps track of who is on site, drawing that data from the main access control system. As such the system knows both who is on site, and their location at the time that the Muster is called.*

*Mobile devices are used to collect badge reads, that data is fed to the system so that a live list of who is safe/unaccounted for can be maintained. This data is shown on the handheld devices, the muster admin application and in the cloud portal. The use of mobile devices allows the Muster to be carried out at the appropriate location – there is no dependency for fixed readers.*

### How does it work?



Contact us: [sales@smi-global.net](mailto:sales@smi-global.net)



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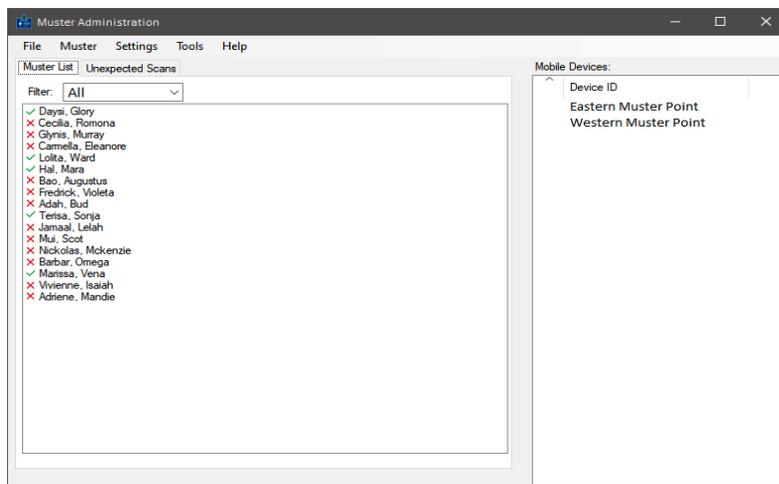
*Drawing on over 16 years of software development experience, SMI are creating a software "agent" that monitors all transactions in the core access control system. It can provide this data to an on-site computer or allow it to be monitored through a cloud portal.*

*As personnel credentials are scanned by the mobile devices at the mustering point they are moved from a list of on-site staff to a list of people accounted for.*

*The system will allow the muster to be done remotely, this reduces the risk that a device that would have been used for mustering is damaged or inaccessible during the emergency. This role is fulfilled by using a client – service structure, where the service can be hosted on a server that can be off site, such as an Amazon EC2 instance. The service will:*

- ✓ *Maintain a database of personnel and the area they are currently in by synchronising with the site access control system*
- ✓ *Keep track of who has had a credential scanned*
- ✓ *Keep track of who hasn't been seen at a muster point yet*
- ✓ *Host the web dashboard which gives a live overview of the muster progress in each*

*The admin software will handle configuration of the service and muster devices. It will also allow browsing of the muster lists and a live overview of the muster.*



*The web dashboard will provide devices with a web browser the ability to monitor the muster progress.*

*The Android software on the mobile device will handle:*

- *Card scanning*
- *Manual scanning*

*..as well as providing live muster counts.*

*Both the web dashboard, Android application and Admin application have live counts on two lists:*

#### **Muster list:**

- *Expected*
- *Outstanding*

#### **Unexpected scans list:**

- *Unknown cards*
- *Subsequent scans of cards scanned more than once*



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*A range of mobile devices is available to accommodate most card technologies, operating environments and functional requirements, including recently released compatibility with NFC phones*