

Accountability Overview

FIREGROUND ACCOUNTABILITY

Personnel safety and accountability is a top concern for incident commanders on the fireground. Ensuring firefighter safety and accountability is crucial. Incident commanders must have the ability to quickly identify who is on the scene, the status of personnel, and the source and status of emergency alert messages.

Accountability is a key component of the National Fire Protection Association (NFPA)'s "Fire Department Occupational Safety and Health Program" (1500, 2013 Edition) standards:

"The fire department shall develop, implement, and utilize the system components required to make the personnel accountability system effective. The personnel accountability system shall be used at all incidents."

Systems Definition, Inc. (SDI) provides fire departments with innovative personnel accountability capabilities and our unique approach to accountability activities is distinct from traditional methods. The U.S. Patent and Trademark Office granted SDI patent number 8698631 for the "System and Method for Mayday, Rollcall, and Personnel Accountability." This forms the basis for SDI's conceptual approach to our First Responder accountability solutions. SDI's applications enhance the speed and accuracy of firefighter accountability by combining radio messaging and push-to-talk actions with available fire department data and personnel/member data. SDI accountability applications focus on enabling command personnel to rapidly determine firefighter status.

SDI developed custom accountability applications for daily operational use by the Fire Department New York City (FDNY). Leveraging these efforts, SDI developed two applications forming a modern, electronic accountability system. These include the APX™ Personnel Accountability Application, or APAA, and the EasyStaff® web application. APAA performs on-scene at the incident to capture and organize department personnel, unit, and radio identification data. The EasyStaff® web application provides the "back-end" roster and identification set-up.

No two fire departments operate in exactly the same way; SDI deploys tailored solutions that best fit department operations. Versatility is inherently built in – the accountability solutions support departments of all sizes, ranging from those with fewer than 50 members, to those with many thousands of members.

For additional information, contact:

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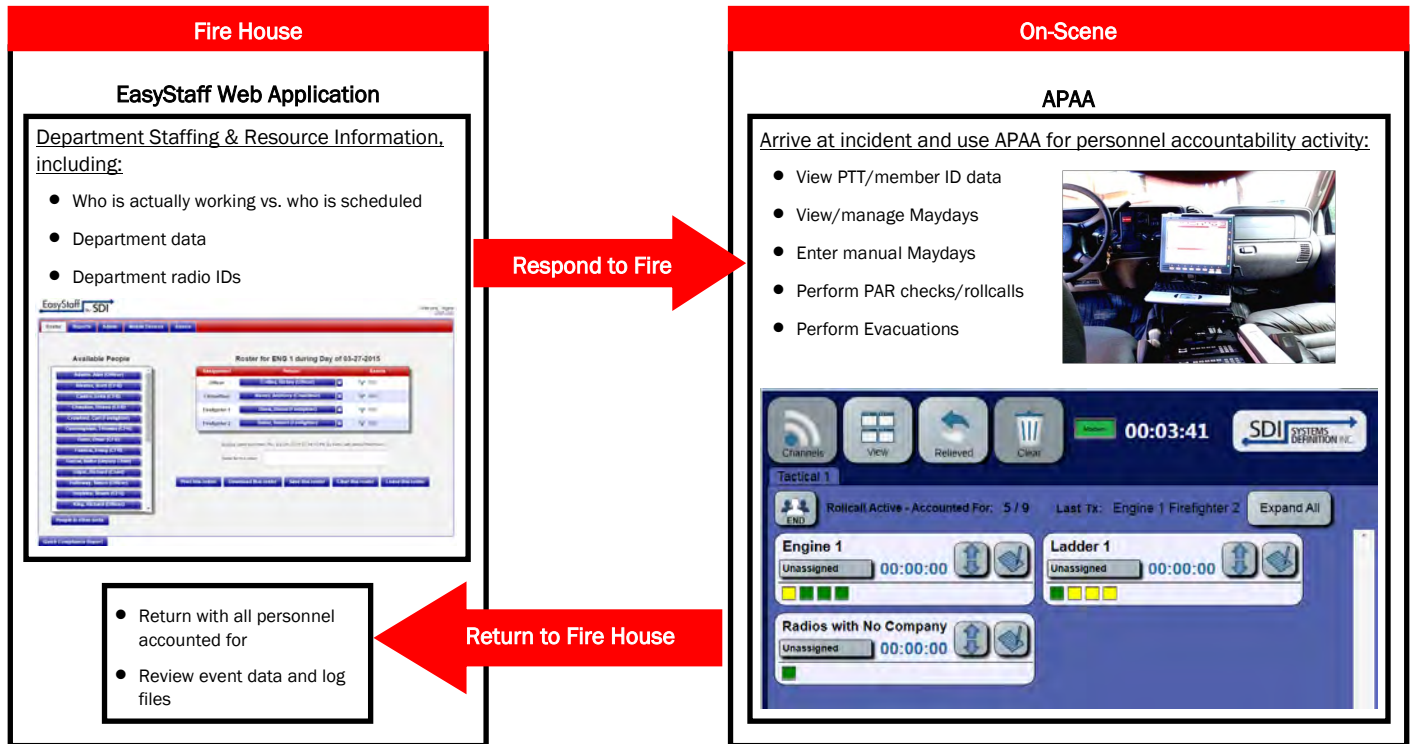
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APAA & EasyStaff Working Together



EasyStaff® Features & Benefits

- Built for Fire Operations personnel to rapidly prepare tour rosters from any PC browser or Android tablet
- Stores and maintains radio identification data (used by APAA), including provisions for spare radios and spare radio loaning
- Links unit assignment and personnel name to hand-held radios, SCBA devices, or other assets, by tour
- Easy-to-use: Allows Fire Operations personnel to enter data directly without administrative personnel in the loop; can even be used at incidents to update personnel changes as operations proceed
- Ensures accurate data for Operations safety and accountability on the fireground by focusing on “who is working” and not “who should be working”
- Allows for easy development of accurate tour roster data independent of staffing applications geared toward administrative functions such as timecards, payroll, and vacation planning
- Saves time and eliminates paper forms or inaccurate/inaccessible station chalkboards; eliminates need to grab paper lists or tags off rigs on-scene
- Roster staffing can be viewed anywhere from a web browser at any organizational level (e.g., Unit, Battalion) for streamlined accountability

APAA Features & Benefits

- Easy to deploy and use at incidents; fits well with and augments department accountability procedures
- Captures, displays, and stores Emergency Alert/Mayday messages for responsive emergency alert handling
- Significantly reduces the time required to perform PAR checks, rollcalls, and evacuations via PTT
- Provides specific firefighter identification for rollcall, evacuation, and emergency alerting via department roster data
- Works with Motorola APX™ and XTS radios in single channel, fireground conventional mode (trunked radio system solution in-process)
- Provides easy-to-read incident log files that record PTT data and accountability events (e.g., emergency alerts, rollcalls) to assist post-incident record-keeping and incident reviews
- Enables assignments of Unit roles at incidents
- Provides incident clock and unit timers
- Customizable to interface to dispatch data for incident filtering
- Minimal PC requirements: operates on Windows 7 PCs with 1 GB RAM and 2 GHz processor