STI ®

eBMP™
ELECTRONIC BARRIER MANAGEMENT PROGRAM

USING TECHNOLOGY TO ASSURE COMPLIANCE US

eBMP™

Firestop Solutions for Barrier Management

Track the Process • Document the Work • Ensure Completion and Compliance

The Complete Management Solution

THROUGH-PENETRATIONS

Through-Penetrations & Joints

New
- Log location, penetrants, condition, UL system, installer

Existing
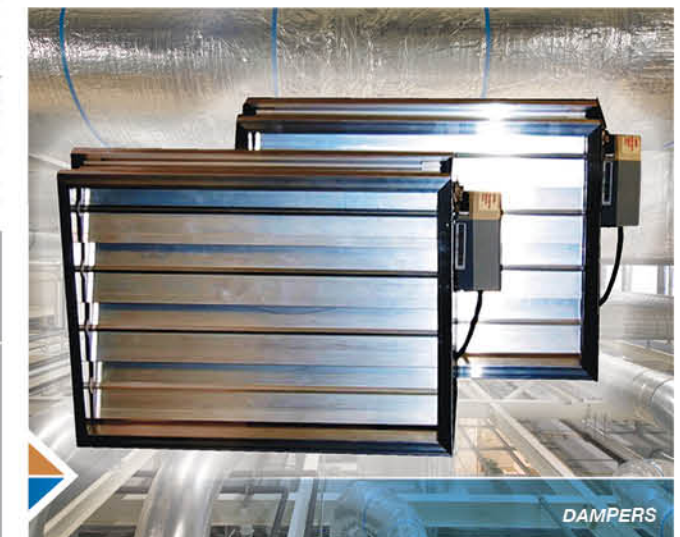- Track all changes, assessments, inspections

Doors, Dampers, Extinguishers

New
- Log location, rating, listing agency, installer, initial inspection

Existing
- Schedule and track inspections, maintenance, and repairs

DAMPERS

JOINTS

DOORS & EXTINGUISHERS

eBMP™ The Electronic Barrier Management Program is Different

eBMP allows you to digitally manage the process of creating, sealing, mapping and subsequent accessing of all penetrations in your facility. In addition, eBMP also provides the management tools for inspection, repair and routine maintenance of fire doors and dampers.

Track Locations Accurately!

Intuitive Mapping & Labeling System Makes It Easy To Find Hidden Items.
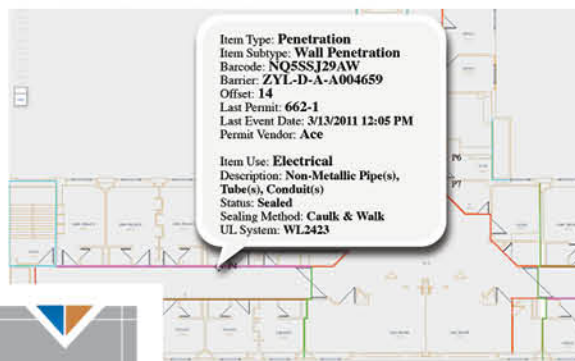
Mapping System Logs...
- Campus, building, floor, exact coordinates, construction type, and rating

Barrier Inventory Database Tracks...
- New partitions created or added
- Older partitions remodeled or replaced
- Matches existing penetration or item locations to replaced or altered partitions

Easy Label Location System Provides...
- Barrier labeling with simple location reference points
- Ceiling tiles as a convenient ruler
- Barcoded labels to find and log exact locations

Item Type: **Penetration**
Item Subtype: **Wall Penetration**
Barcode: **NQ5SSJ29AW**
Barrier: **ZYL-D-A-A004659**
Offset: **14**
Last Permit: **662-1**
Last Event Date: **3/13/2011 12:05 PM**
Permit Vendor: **Ace**

Item Use: **Electrical**
Description: **Non-Metallic Pipe(s), Tube(s), Conduit(s)**
Status: **Sealed**
Sealing Method: **Caulk & Walk**
UL System: **WL2423**

View item locations and get detailed information at a glance with **Visual Reporting**

Reporting & Documentation
- Report results of work activities
- Report deficiencies
- Plan & track corrections
- Provide Statement of Conditions (SOC)
- Schedule inspections, maintenance and repairs
- Custom reporting available

Powerful Web-Based Administrative Tools
- Register approved vendors
- Issue projects and assign permits for job tracking
- Automatic email notifications

Certification, Compliance & Traceability
- Track installers who perform the work
- Use pre-assigned UL Systems for penetrations & joints
- Barcoded UL Systems provide easy and accurate selection and data entry
- Record equipment types, models and listing agencies

Building...Campus...Corporation... An Enterprise Solution!
- Log and store data at individual desktop locations
- Composite data for multiple buildings or campuses
- Provide complete data backup at remote locations

Barrier Management Programs for Healthcare Facilities

Do You Need To Create A Plan For Improvement (PFI)?

Have Type 1 violations been found in your facility during your last inspection from the Joint Commission, Center For Medicare/Medicaid Services (CMS) DNV, State Fire Marshal or Local Building Officials? These violations and unplanned costs associated with taking rooms out of service to do firestopping can be costly for your facility.

eBMP will provide evidence to The Joint Commission; state, federal, local jurisdictions and hospital insurance underwriters that you are investing in extraordinary measures to assure life safety and code compliance.

Send a message that not only is your facility in the process of being brought up to code, but that safeguards are being implemented to insure that it stays that way to maintain patient privacy and improve infectious control between rooms.

An Effective Barrier Management Program From STI Will:
- Develop a proactive approach for life safety requirements
- Bring your facility into compliance
- Regain control of barriers
- Administer guidelines for barrier management
- Reduce costs associated with SOC deficiencies
- Hold parties responsible for sealing rated barriers to the highest standard of accountability

An Industrial Strength Solution Using Rugged, Drop Tested Mobile Data Collection Tools
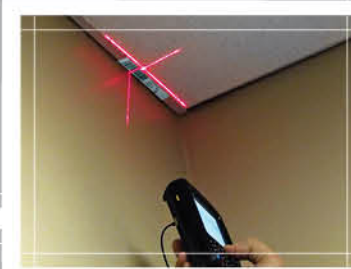
Enterprise PDA
- Low light barcode scanner
- Bluetooth communication

Label Printing
- Bluetooth communication
- Uses tough poly labels
- Easy label regeneration

Military-Grade Camera
- Reads & parses barcodes
- Automatically associates pictures with correct records.
- Built-in flash & adjustable lens

International Fire Code

As with any fire resistance rating of fire resistance-rated construction, firestop must be maintained.
Chapter 7 - Fire-Resistance-Rated Construction

701.2 Unsafe conditions. Where any components in this chapter are not maintained and do not function as intended or do not have the fire resistance required by the code under which the building was constructed, remodeled or altered, such component(s) or portion thereof shall be deemed an unsafe condition, in accordance with Section 110.1.1. Components or portions thereof determined to be unsafe shall be repaired or replaced to conform to that code under which the building was constructed, remodeled, altered or this chapter, as deemed appropriate by the fire code official.

Where the extent of the conditions of components is such that any building, structure or portion thereof presents an imminent danger to the occupants of the building, structure or portion thereof, the fire code official shall act in accordance with Section 110.2.

703.1 Maintenance. The required fire-resistance rating of fire-resistance-rated construction (including walls, firestops, shaft enclosures, partitions, smoke barriers, floors, fire-resistive coatings and sprayed fire-resistant materials applied to structural members and fire-resistant joint systems) shall be maintained. Such elements shall be visually inspected by the owner annually and properly repaired, restored or replaced when damaged, altered, breached or penetrated. Where concealed, such elements shall not be required to be visually inspected by the owner unless the concealed space is accessible by the removal or movement of a panel, access door, ceiling tile or similar movable entry to the space. Openings made therein for the passage of pipes, electrical conduit, wires, ducts, air transfer openings and holes made for any reason shall be protected with approved methods capable of resisting the passage of smoke and fire. Openings through fire-resistance-rated assemblies shall be protected by self- or automatic-closing doors of approved construction meeting the fire protection requirements for the assembly.

*Copyright 2012 International Fire Code

Case Study

"Implementing a BMP into firestop installation provides a tremendous payoff by reducing future liability and costs. By re-thinking its approach, the firestop contracting community will have the attention of facility managers, architects, engineers and the general contracting community. Facility managers should strive to have a fully compliant building not just because it's required by regulatory and accreditation agencies, but because we are all in the business to provide a safe environment for our patients, visitors and staff."

Renée Robison Jacobs is a Certified Healthcare Facility Manager and has more than a 20-year career in construction project management and healthcare facility management. She is Vice President, Facilities and Construction, at St. Luke's Health System in Kansas City, Mo.

eBMP™ The Future of Barrier Management

Every minute of everyday your barrier management records are accurate and up to date with STI's eBMP program and the information is easily accessible. From job status and system information, to who the installer was, eBMP allows for an unlimited number of user defined queries to generate and print various reports for compliance.

At this very moment there is a good chance that a barrier in your hospital is being penetrated...new data cabling for the latest technology, floor remodels, hospital expansions...somewhere somebody is penetrating a fire barrier or removing an existing firestop system...do you know who the installer is...do you know if their system is compliant...do you know if they even sealed the opening...do you want to wait until the next inspection to find out...or worse yet...face the liability if there were a fire?

STI's team of field engineers and managers are located around the world to assist you:

View the video online @ www.ebmpweb.com

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THE FIRESTOP AUTHORITY

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