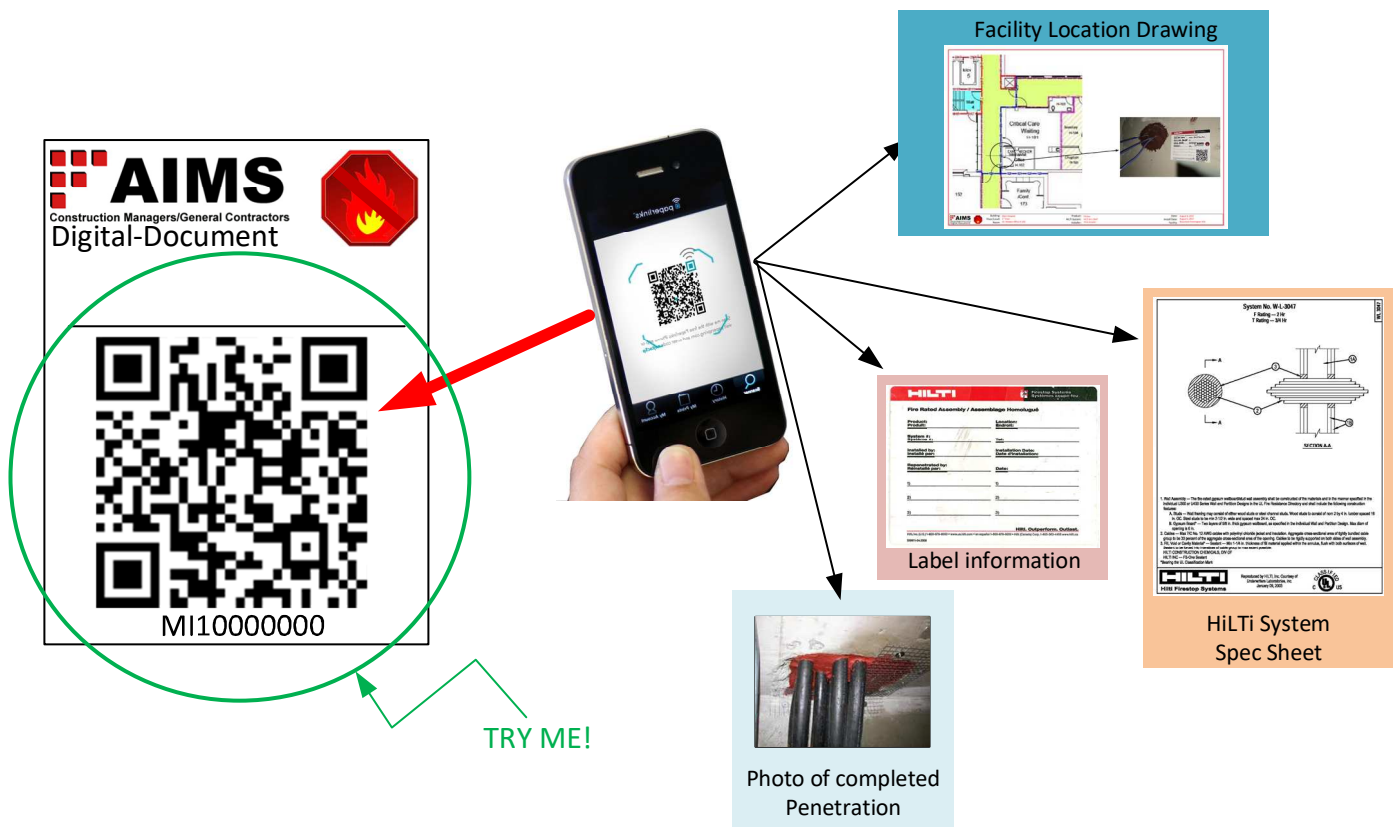


Facility Fire Stopping Data Acquisition Process

The ability to access information, on the spot, by a variety of people is very important when it comes to fire stopping. Not only does the facility need information on-demand, but inspectors and contractors working around the area need prompt, complete information. On-demand access to system and penetration data saves time, save guess work and saves communication time too. AIMS has stayed up to date with the implementation of fire stopping data acquisition using common techniques and ease of access for those involved in having specific information for fire stopping systems at the point of installation. By utilizing QR codes, we are able to gain access to information needed at a location without custom software, subscription costs and special hardware. QR coded penetrations are connected with the AIMS cloud storage allowing access to documents with a smart phone or tablet. The documents are stored in PDF format for ease of access, ease of use and printing as well as the ability to download and keep documents at will.

Outline of Use The installer completes the installation of fire stopping materials on a penetration and fills out the appropriate HiLTI systems label. Installs our QR label next to the HiLTI label and takes a picture of the completed penetration with labels. Using a tablet and bluebeam, marks location on drawing PDF with needed information and comments. The installer then proceeds to the next location and repeats the steps as needed.

Moving installer data to cloud The data collected and modified drawings are then uploaded to the AIMS Cloud storage for the proper state, file system and location for access via the QR code. This task can be done daily, weekly or end of completed project task. The client also can access entire floor drawings and documents via weblinks to the site shared with the facility. At this point the documentation is static in nature. This data is permanently stored on the AIMS cloud folder and not accessible for modifications by anyone except the cloud services director at AIMS.



QR Code label is installed at each location, the sequential number is not assigned to any installation until the completed task is submitted to for review and upload. The documentation is then assembled via bluebeam or similar and a final PDF is compiled based on our protocol or special facility protocols. The completed document is assigned the sequence number of the QR code and uploaded to our cloud folder for permanent storage and available to anyone reading the QR code. The documentation for each QR code label can contain some or all of the following: HiLTI System document for type of penetration, Photo of finished fire stop task, HiLTI wall label information as well as the date of installation, installer name, AIMS project number and other project related information.