



SMARTVIEW

# CityScope SmartView

APX built its Smart City Building and Onsite Data Solutions Platform—CityScope—on the premise that all cities now require comprehensive, actionable data to manage the magnitude of scale represented by evolving technology. It is this data that is used to effectively and intelligently manage everything—from building infrastructure to guiding emergency services through extreme incidents.

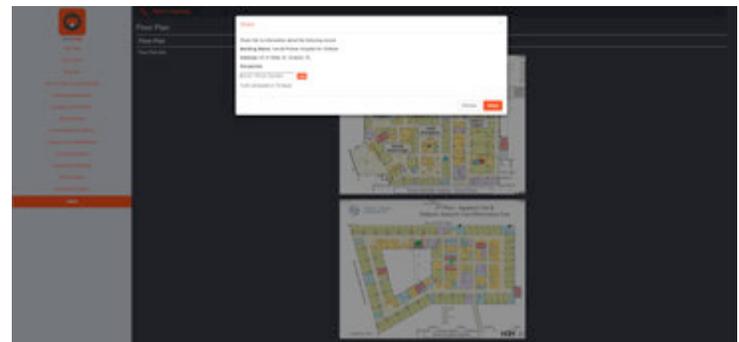
The CityScope Platform enables collecting and sharing data through a highly versatile and customizable platform—data that becomes the epicenter for all those involved. APX’s unique approach to data accessibility enables multiple parties within a Smart City environment to share and access data based on their secure rules and requirements.

APX’s SmartView™ Application provides a means for rapid and easy access to information captured by SmartCapture™—all fully operational within any modern web browser on iOS, Android, and Windows environments—guaranteeing ease-of-access to any designated user.

SmartView easily enables the user to access any type of data needed, including the location of all SmartCapture buildings on a map, and a search box that enables rapid access to all building records. SmartView also delivers the ability to immediately share building records with team members by sending a temporary link via email or mobile text message—invaluable for interagency interoperability at times of emergency.

Upon selection of a building, a highly intuitive graphical-user-interface enables incredibly easy access to all information captured. Users can navigate by section headings, or by simply tapping on annotation icons on images. And like all personal mobile devices, the SmartView interface works like any other personal application, enabling the user to intuitively swipe through categorized images with ease, pinch to zoom for more detail, and more.

When it comes to security, APX is at the leading edge, ensuring that a web administrator provides a dashboard that reports sharing and access activities. Furthermore, SmartView uses advanced cryptographic certificates to allow easy but secure access without having to manage logins. Security is further enhanced through use of data encryption for all information transfer.



## FEATURES

- List View
- Record Preview
- Change View
- Individual Pre-plan Export
- Map View
- Share Links

- **List View:** A building pre-plan list can be quickly searched using the Building Search bar. Plans can be searched by building name, street address, city or province/state. From the building list, collected plans can be selected to preview, to export as a PDF file, to delete, or to view Change Lists. Either List View or Map View can be set to be the default landing page for SmartView.
- **Record Preview:** Collected plans can be generated as HTML pages. This information is presented in a preview of how information is displayed for SmartView users, and displays all collected textual information images and annotations. This function can be accessed from the List View by selecting the Plan title or address.
- **Change View:** Each change made to a building record can be viewed through the Changes function of the Building List. For each change, the user, time of change, and the information changed are each displayed. Displayed changes can be filtered by Month and Year.
- **Individual Pre-plan Export:** Collected pre-plans can be exported as PDF files using the Export function. A PDF, formatted for proper layout, is generated and downloaded for the selected plan.
- **Map View:** Collected plans can be viewed in Map View. Plans are presented in a marker cluster format, so pins are grouped together until the map is sufficiently zoomed so that pins can be easily differentiated from each other. Either List View or Map View can be set to be the default landing page for SmartView.
  - **Search Bar:** Selecting a plan using the Search bar will zoom the map to the plan's location and open a dialog providing options, either directions or plan preview
  - **Directions:** Selecting the Directions function provides the user with turn-by-turn directions from current location to the selected location. The route is graphically represented on the map.
  - **Plan Preview:** Selecting the View Plan function opens the HTML preview accessible from the List View.
- **Plan Clusters:** The number of plans within a cluster is represented by color:
  - Violet indicates 1000+ buildings
  - Red indicates 100+ buildings, yellow 10+
  - Blue indicates 2 to 9 buildings
- **Map Pins:** Individual building information plans are represented by a red map pin.
- **Satellite or Map:** The map can be toggled between a Map View and a Satellite View. Labels can be toggled on-and-off in Satellite View.
- **Real-time Traffic:** A layer that can be toggled that depicts traffic congestion by colour (green for light, orange for medium, red for heavy).
- **Google Street View:** Enables users to drop a marker that opens up a 360° view of that position from street level.
- **Current Location:** Pans the map to the user's current location
- **Map Refresh:** Reloads the map, re-dropping the map pins and dropping any newly creating building pins.
- **Zoom and Pan:** Users can zoom in and out on the map using plus and minus buttons, or using a mouse scroll wheel / pinch and zoom gesture on a touch device.
- **Share Links:** Time-limited links to building information plans can be generated and used to share information with individuals outside of an organization. These links are shared via email or SMS. Reports detailing what buildings have had share links generated, who these links were sent to, and who accessed them and when, are available from the SmartView tab of the CityScape: Admin application.