

# InformaLynk

powered by Architecttura

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Documentation

ARCHITECTTURA INC. | 180 EUGENIE ST W, WINDSOR, ON N8X 2X6

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## Description of Product

- InformaLynk is a digital interactive platform that includes advanced reporting features which will allow property management personnel to use & manage building data more efficiently by saving time, energy, and effort.
- InformaLynk can be accessed through a securely controlled website developed by Architecttura.
- This documentation only refers to the demo and not the actual product.

## Home page

Home Page is the face of the Platform after login. The top left corner is occupied by our logo. Navigation Bar has three Buttons [Explore Views](#), [Profile](#), and [Advance Search](#) which will redirect you to indicated page of the product. On the top right corner, you can see the Name of the Page. There is a description of the product in the middle of the page.

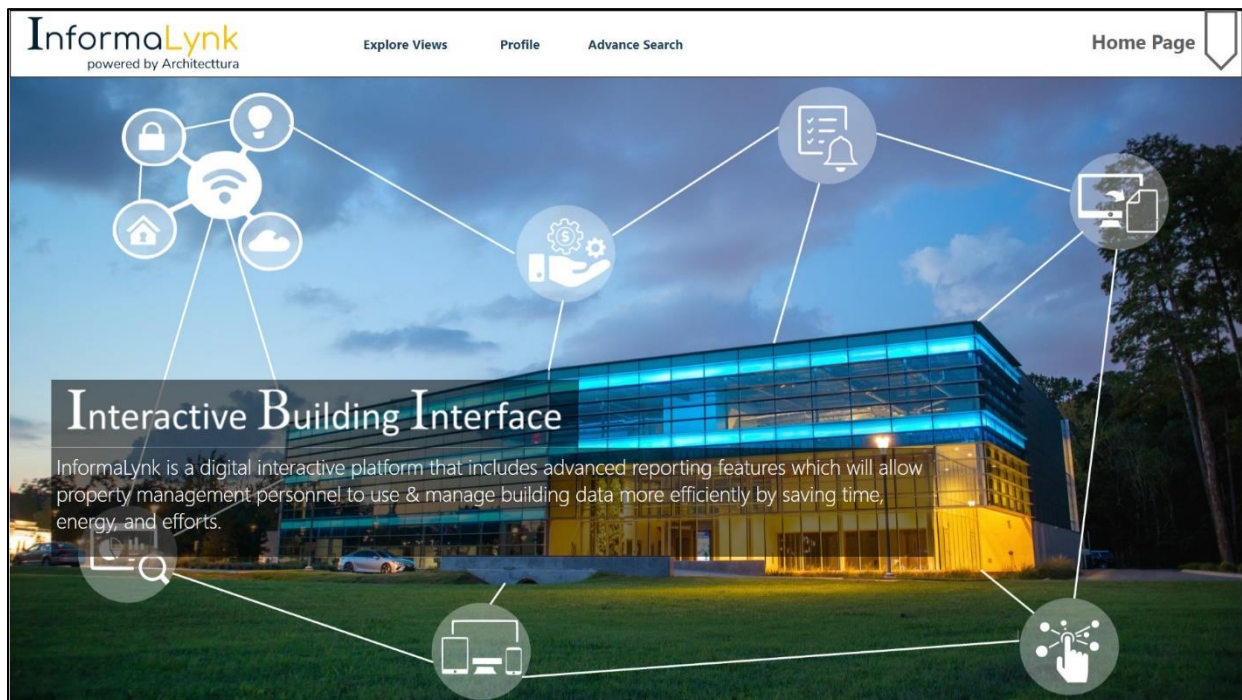


Figure 1 Home Page

## General Navigation Bar

Navigation Bar is designed for simplicity and ease of use. On the left side, it has the product logo and right-side name of the page. It has some buttons based on the page but mostly it will have a home, Explore Views and Advance search. On these listed pages it will have a Profile button. Please note that when you are on a particular page you will not find a button for that page.



Figure 2 Navigation Bar

## Explore views

On this page, we can explore buildings by Floors or by categories.

By Floor section, we can see an elevated image of each floor. When you hover on each floor it will be highlighted in light yellow color and show the name of that particular floor. Also, when you click that floor you will be redirected to the page of that particular floor.

By Categories section, we can see four categories in the demo. When you hover on each category it will be highlighted in black background color and show the category name in white color of that particular category. Also, when you click that category you will be redirected to the page of that particular category.

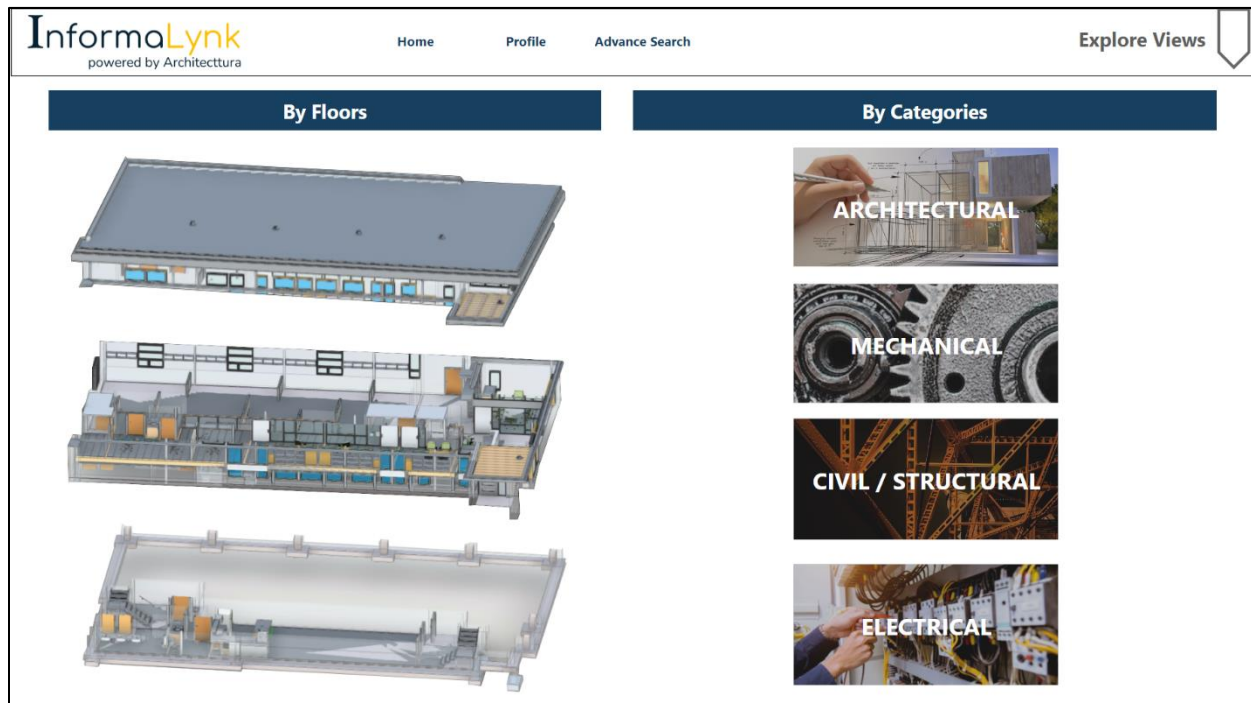


Figure 3 Explore Views

## By Floors

### Roof

On the Roof, we have only 5 roof drains which are shown in the Roof Floor plan. Besides the floor plan, we have buttons to select a particular Roof drain. We provide a naming convention for Roof drains to shorten the name and have unique identification. For Data explanation please refer [datasheet](#).

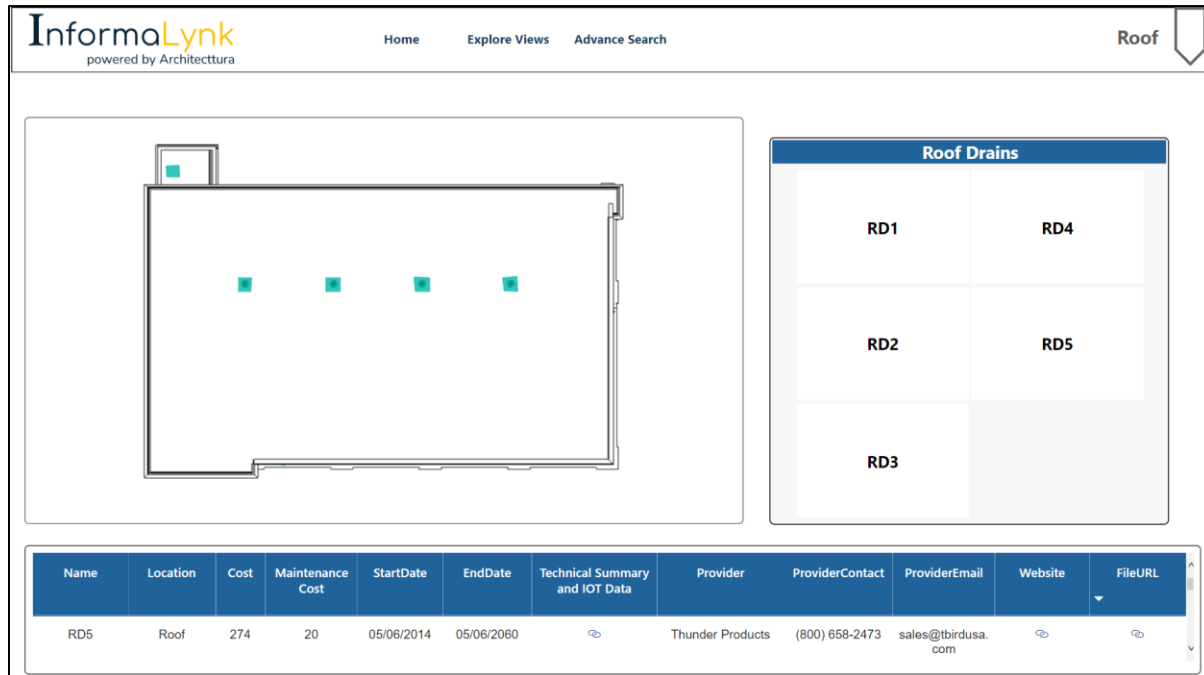


Figure 4 Roof

### Top Floor

As you can see on the page, we have only Architectural and Mechanical Properties. Whenever we will have additional properties, we will have more buttons by category. Each button will filter out that particular category on the Top Floor. Also, the filter will affect the donut chart and data. Such as, if you select the Architectural button, it will show only Architectural properties of the Top Floor in Floor Plan, donut chart, and data. By select all, it will clear all the filters and select all the properties and objects.

On the top right corner below the title, we have a location filter, where you can search specific locations on the Top Floor such as specific rooms or spaces.

Below the location search, we have donut chart where all the category on Top floor is defined where we can filter out by simply clicking on that category and it will highlight objects in floor plan, as well as data, will appear in the data section. It will show the name and number of objects with the percentage of the total.

For Data explanation please refer [datasheet](#).

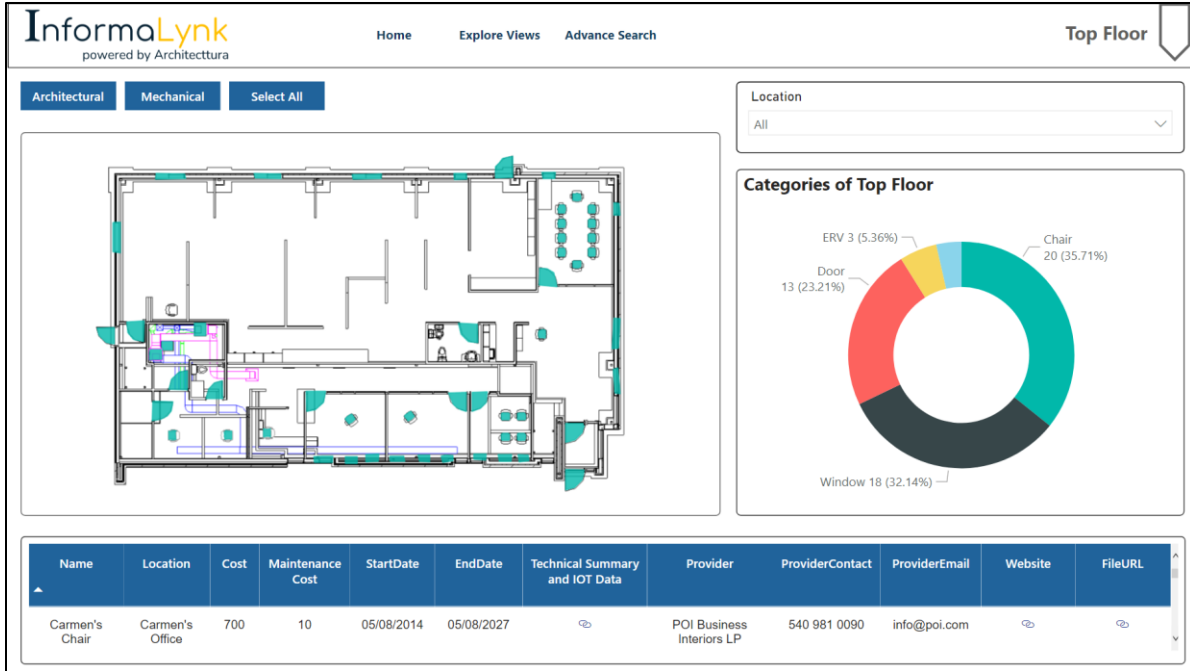


Figure 5 Top Floor

## Basement

It is a very similar page as we have seen for Top Floor. The navigation and buttons are similar as well. You can refer to the Top Floor summary for navigation.

For Data explanation please refer [datasheet](#).

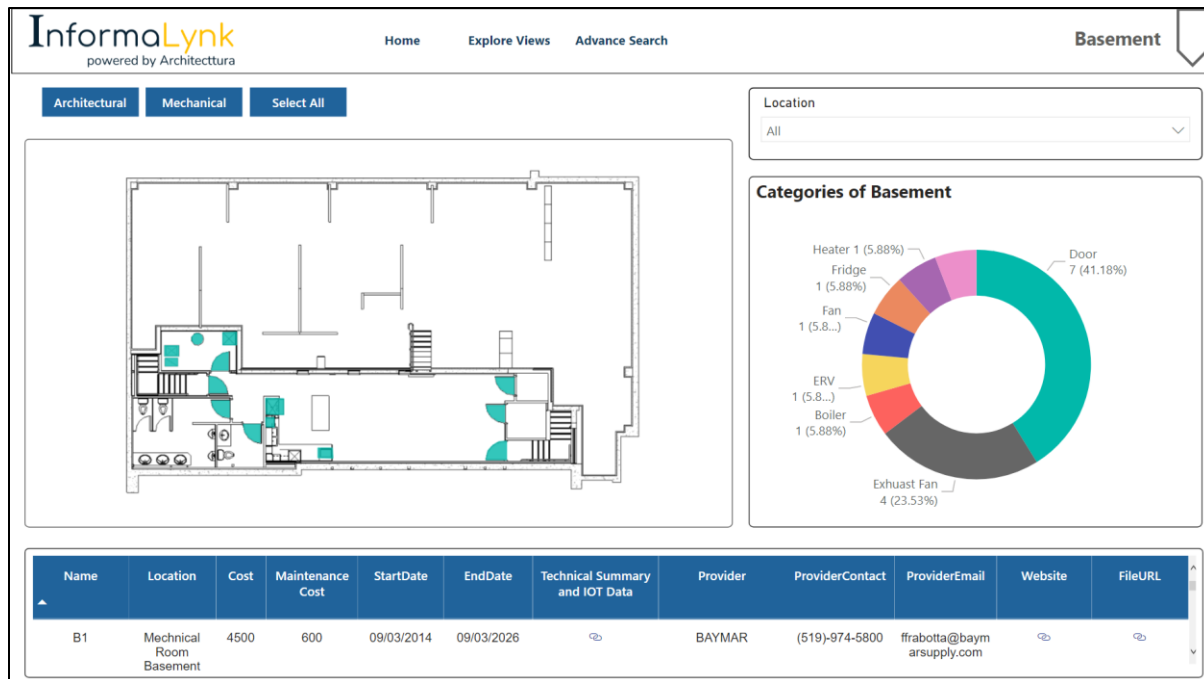


Figure 6 Basement

## By Categories

### Architectural

When we explore objects by category is different than by floor because here, we need to select Floor instead of categories. All the other functionality is very similar. We can see only Architectural properties or objects on the Floor plan and other categories are grayed out. When you click on buttons by Floors it will change the Floor plan and its categories with only Architectural properties. Over here we didn't include the Roof because it has only five Architectural objects with similar properties.

For Data explanation please refer [datasheet](#).

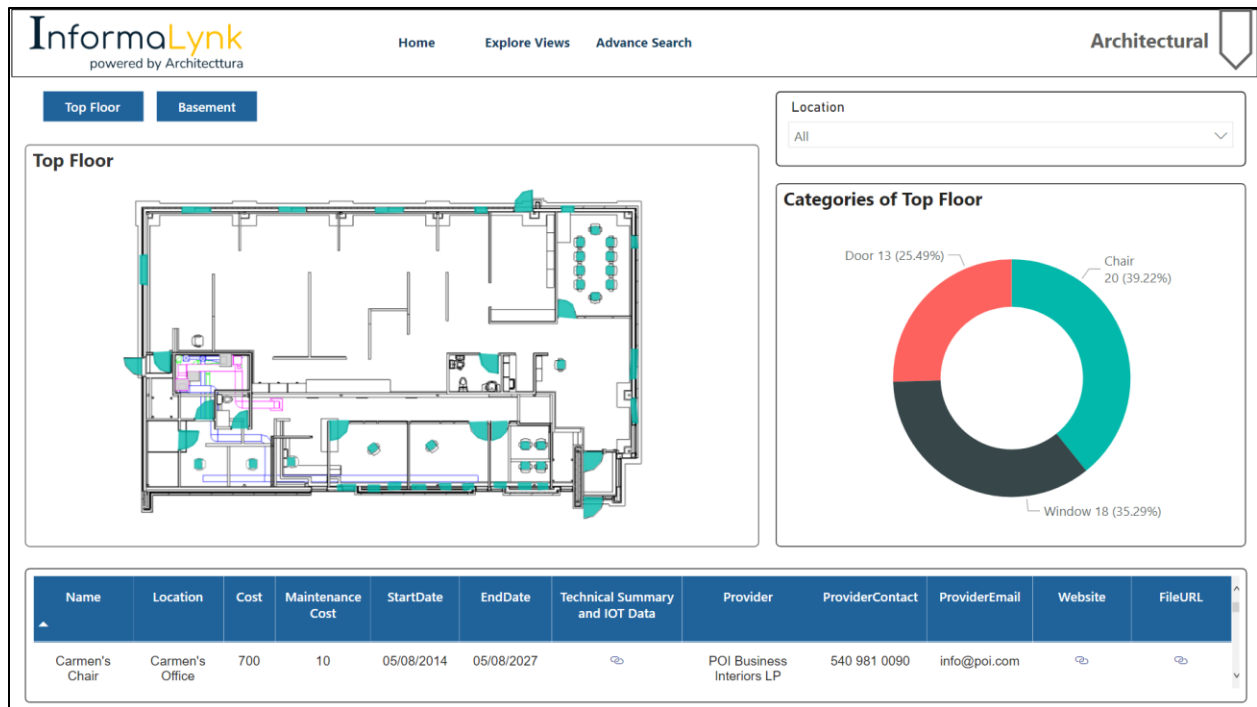


Figure 7 Architectural

## Mechanical

Mechanical field is divided in four parts.

### 1. Mechanical Full View

In Mechanical Full view we have a 3D oriented view of all the mechanical equipment in the building. You can select the object and it will reveal its properties. It is quite hard to see which device is on which floor but with the data, you can find the accurate location of the device. Also, you can search It by Mechanical Floor.

On top, we have three categories. Top Floor HVAC and Basement HVAC are Devices which is used for heating, ventilation, and air conditioning for that particular floor. In addition, Mechanical Floor will redirect us to the Mechanical Floor plan.

For Data explanation please refer [datasheet](#).



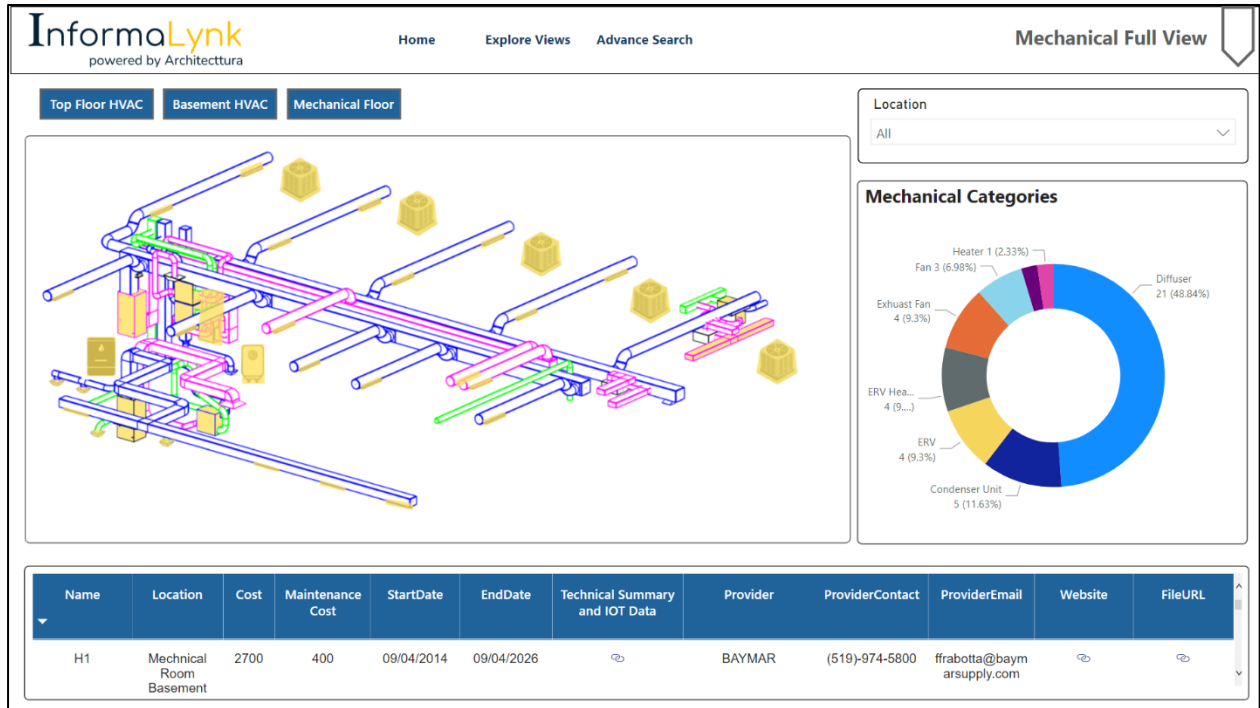


Figure 8 Mechanical Full View

## 2. Top Floor HVAC

Top Floor HVAC has all the equipment which are used for heating, ventilation, and air conditioning on the Top Floor. It has a 3D-oriented view of all the devices except Diffuser because it is defined by location, and we cannot understand the location of the diffuser from this image. We also have buttons to go back and forth in the Mechanical Floor plan, Mechanical Full view, or Basement HVAC. All other details are similar.

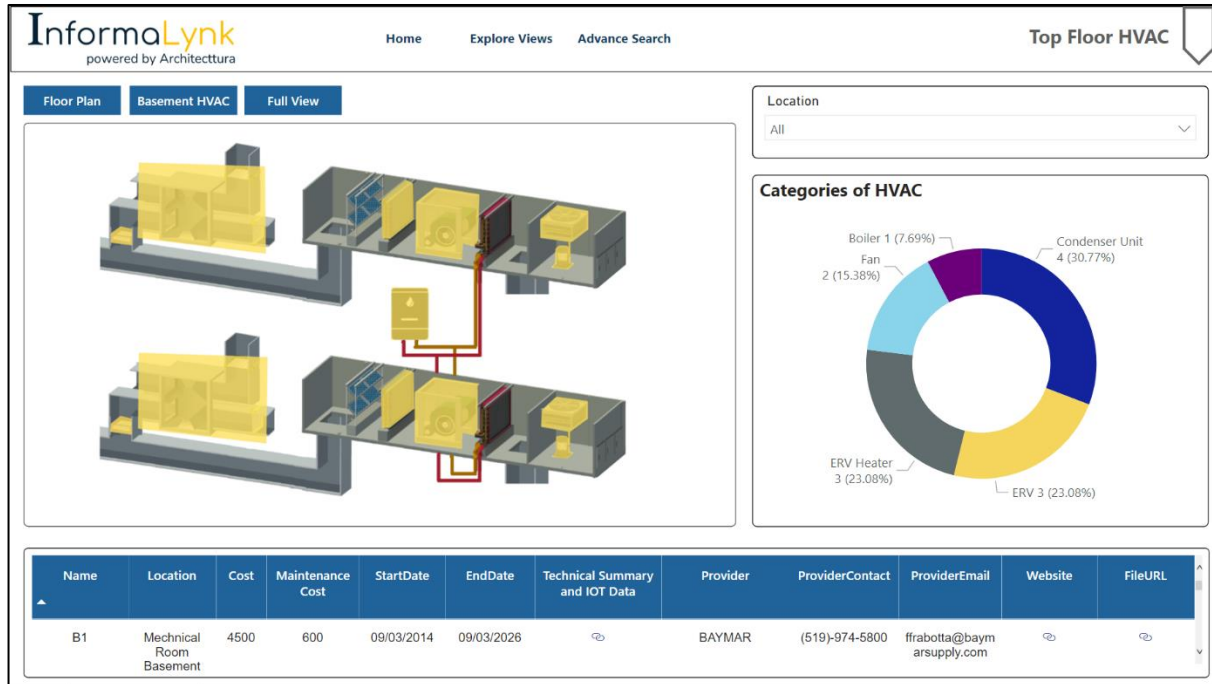


Figure 9 Top Floor HVAC

### 3. Basement HVAC

It is very similar to Top Floor HVAC, but it has fewer devices than Top Floor. All the other details are the same. For Data explanation please refer [datasheet](#).

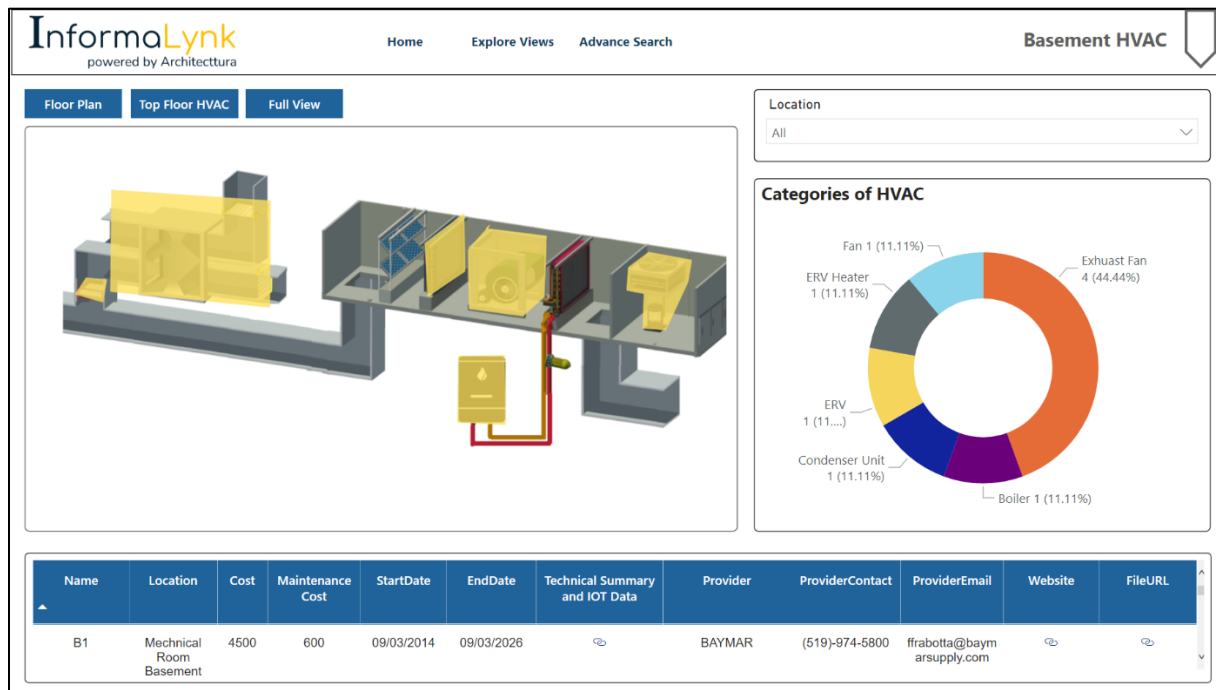


Figure 10 Basement HVAC

#### 4. Mechanical Floor

The Mechanical Floor Plan is very similar to the Architectural Floor Plan. The only difference is it has only Mechanical properties and all other categories are grayed out. Also, you can directly go to Full View of Mechanical devices from this page. For Data explanation please refer [datasheet](#).

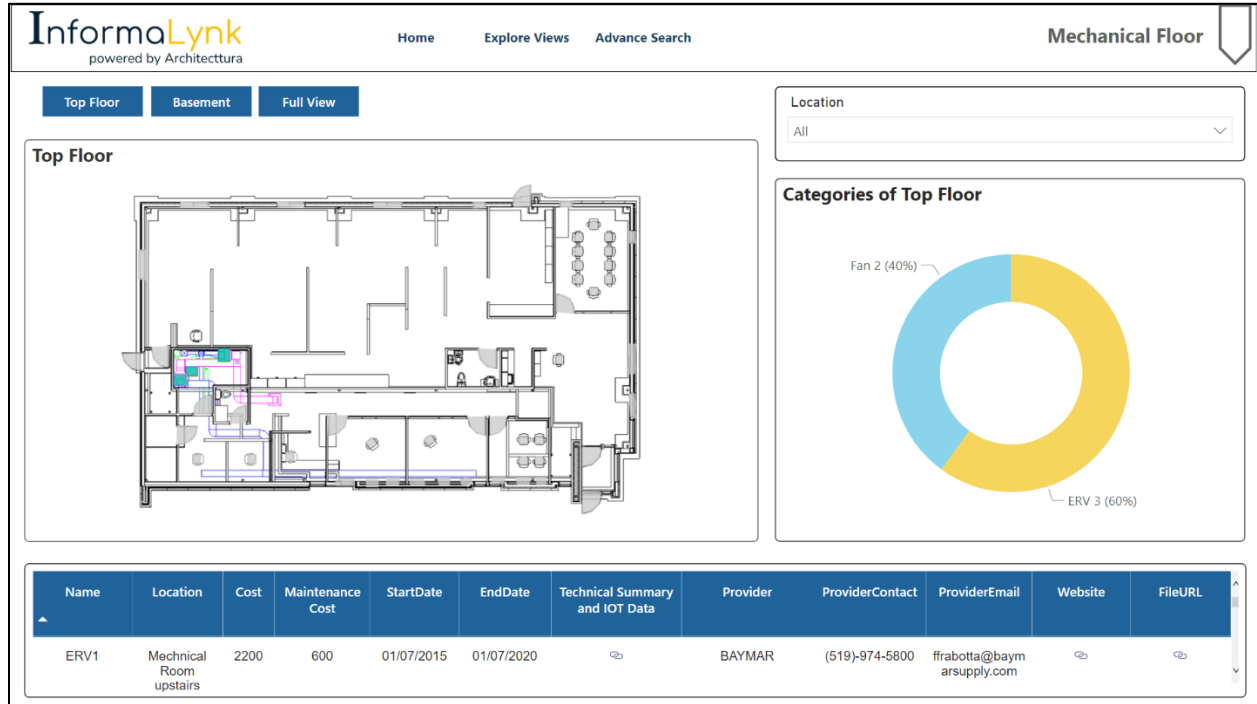


Figure 11 Mechanical Floor

#### Civil/Structural

There is no data available at this time in this particular category.



#### Electrical

There is no data available at this time in this particular category.

#### Profile


This page has general information regarding the building where we can see the name of the building, location, contact details, and who owned the building. Also, we can see a street view map where we can see the pinpoint location of that building.

The information is dependent on the end-user what they want to see such as the number of people working in that building or facility manager and his/her contact information etc.


Home   Explore Views   Advance Search
Profile 

**Project Name:** Architecttura-Main Building  
**Location:** 180, Eugenie St W, Windsor ON N8X 2E6  
**Contact:** +1(519)-258-1390  
**Owned by:** Carmen Brunone, Dan Amicone

Location of Building



*Figure 12 Profile*

## Advance Search

Advance search is the directory of all the objects. It follows a very specific search but, in the future, it will be replaced with an optimized search where you can search naturally such as google search. For the current version, you can search by location, device category, and device name. when you click on advance search you will see all the locations inside the building where you can select or search keywords such as Meeting Room. If you know the device category, then you can search it by category then select the location such as Door and it will show all the locations where Door is implemented. In addition, if you have a specific name of the device, you can directly search that such as F1 which is Fan 1 in Mechanical Room.

When you select object/object(s) you can see the Floor Plan or 3D oriented view in the “Go to” tab. You can change the floor plan by simply hovering on the plan and change it from the top-left dropdown of the floor plan.

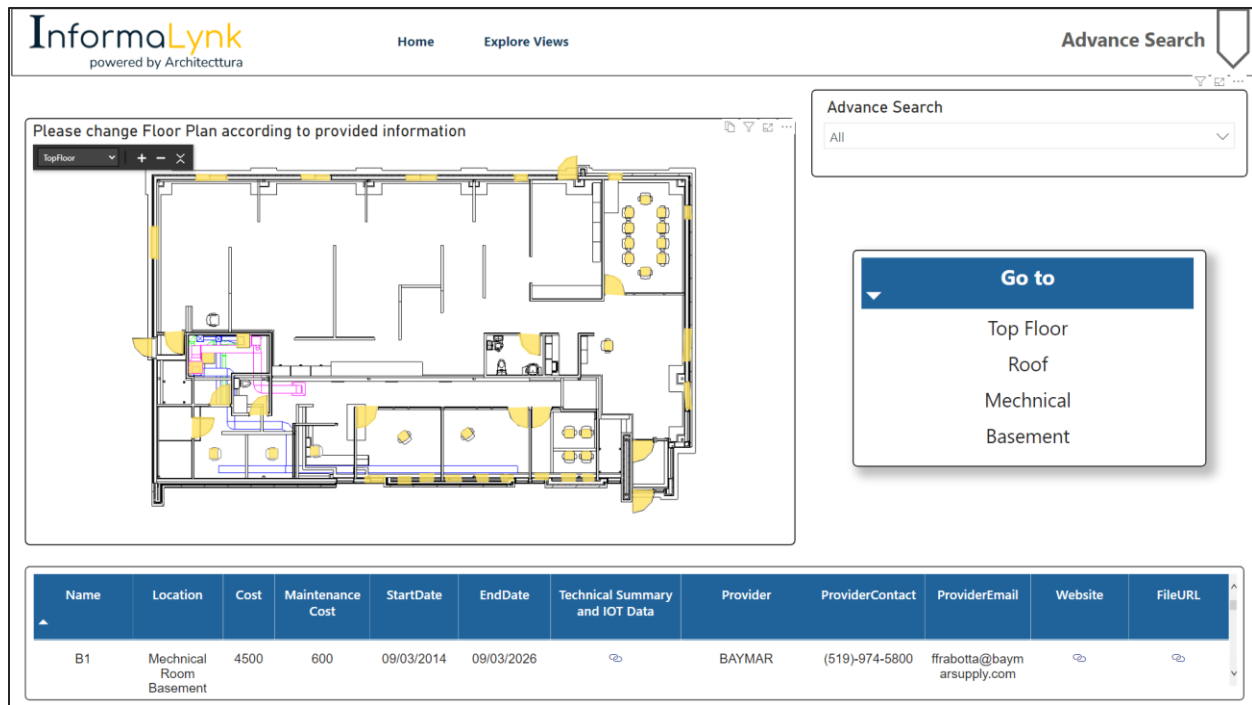


Figure 13 Advance Search

## Datasheet

**\*Note: we included only required fields which are shown on floors or categories page under data tabs.**

**Name (text):** It has a unique name for each object and in most cases, it uses a naming convention for each object/device.

**Location (text):** It provides the location of that individual object/device in the building.

**Cost (number):** It has the actual cost of a specific object/device. (In demo some of the prices is estimated or used directly from the internet)

**Maintenance Cost (number):** It has the actual yearly cost of a specific object/device. In some cases, devices are more reliable, and they need maintenance after 1-2 years so, we included cost considering that part. (In demo some of the prices is estimated or used directly from the internet)

**StartDate (text):** It has the installed date of the device or warranty start date based on device properties.

**EndDate (text):** It has a warranty end date for each device.

**Technical Summary and IOT Data (URL):** It will redirect to the page where we can see all the data related to that particular device. It will include live streaming data (if we have it for that device), the image of that device, technical data summary tag, some instruction video, and QR code which leads to

other information of that device provided by the manufacturer. (Note: For demo purposes, we are using a single demo page for all the devices)

***Provider (text):*** It provides information of who provides a particular device to the owner.

***ProviderContact (number):*** It provides the contact number of the provider.

***ProviderEmail (text):*** It provides email information of the provider.

***Website (URL):*** It provides the website of the manufacturer.

***FileURL (URL):*** It provides files related to a particular device which will be in pdf format, or it will redirect us to the manufacturer page where all the information is stored.