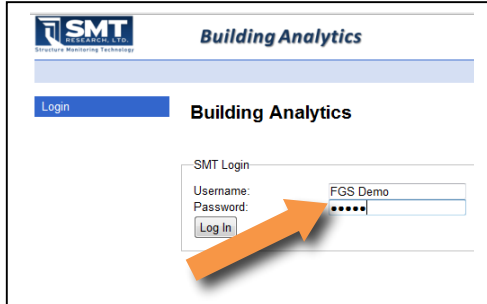


1

Log In to Analytics

To login to the Analytics website, point your web browser to: <http://analytics.smtresearch.ca>



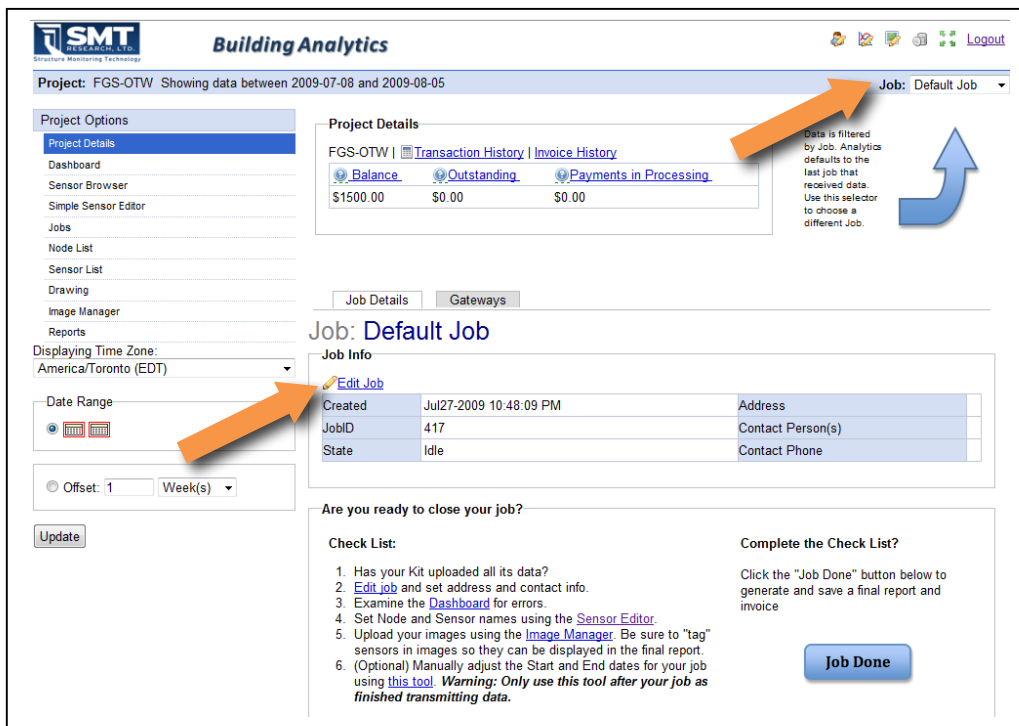
Enter the username and password you were provided with in the cover letter included with the kit. Both the username and password are case sensitive. Click on *Log In* or press enter to complete the login.

New features or changes may be posted upon login. Click on the Continue button to proceed. These changes will not be displayed again after initial login.

2

Navigating Projects and Jobs

All kits assigned to an office are consolidated under a single project. The default job selected will be the last job that received data. If you wish to locate another job use the quick select in the top right of the screen.



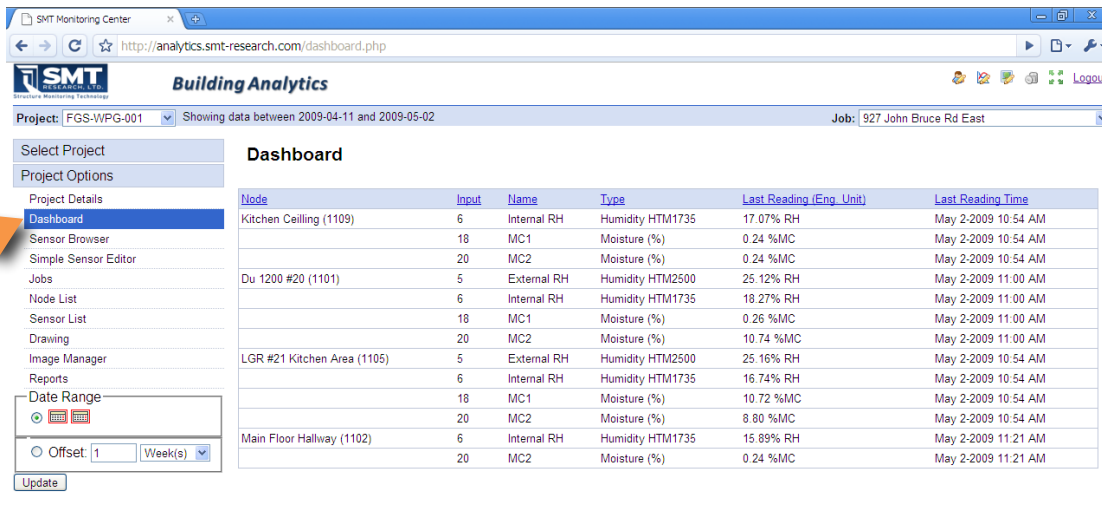
Once you have the current (active) job displayed, click *Edit Job* to enter the address and contact information related to the job.

The check list at the bottom of the main page covers actions outlined in this document.

3

Review Job Data

Verify that Analytics is receiving data from the job site. The simplest way to do this is to get a quick overview of the current status of all sensors from the kit by selecting the **Dashboard** menu item. It reports the sensor name, type, its last recorded value and what time that reading took place. This would most commonly be used for a quick glance at how things are progressing on a job site. For a new job, the node descriptions will be missing, and the sensor names will be generic. However, you should see values for each of the sensors deployed. The kits are set to send data every hour, so the timestamp you see should be within the past two hours if everything is functioning normally. Also note that this page only shows sensors with the *include in report* flag set.



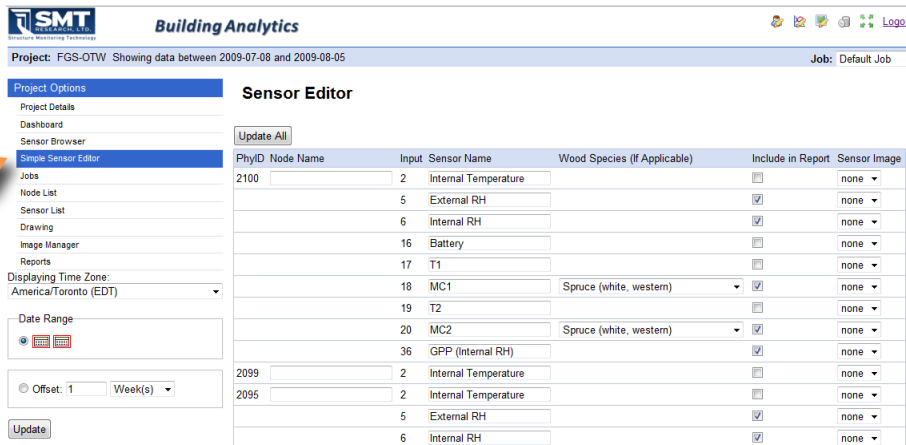
Dashboard

Node	Input	Name	Type	Last Reading (Eng. Unit)	Last Reading Time
Kitchen Ceiling (1109)	6	Internal RH	Humidity HTM1735	17.07% RH	May 2-2009 10:54 AM
	18	MC1	Moisture (%)	0.24 %MC	May 2-2009 10:54 AM
	20	MC2	Moisture (%)	0.24 %MC	May 2-2009 10:54 AM
Du 1200 #20 (1101)	5	External RH	Humidity HTM2500	25.12% RH	May 2-2009 11:00 AM
	6	Internal RH	Humidity HTM1735	18.27% RH	May 2-2009 11:00 AM
	18	MC1	Moisture (%)	0.26 %MC	May 2-2009 11:00 AM
LGR #21 Kitchen Area (1105)	20	MC2	Moisture (%)	10.74 %MC	May 2-2009 11:00 AM
	5	External RH	Humidity HTM2500	25.16% RH	May 2-2009 10:54 AM
	6	Internal RH	Humidity HTM1735	16.74% RH	May 2-2009 10:54 AM
Main Floor Hallway (1102)	18	MC1	Moisture (%)	10.72 %MC	May 2-2009 10:54 AM
	20	MC2	Moisture (%)	8.80 %MC	May 2-2009 10:54 AM
	6	Internal RH	Humidity HTM1735	15.89% RH	May 2-2009 11:21 AM
20	MC2	Moisture (%)	0.24 %MC	May 2-2009 11:21 AM	

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Editing Sensor Information

To make the site reports meaningful, descriptions of the sensor locations should be added to the system. Use site notes and photographs taken onsite to assist in this process.



Sensor Editor

PhyID	Node Name	Input	Sensor Name	Wood Species (If Applicable)	Include in Report	Sensor Image
2100		2	Internal Temperature		<input type="checkbox"/>	none
		5	External RH		<input checked="" type="checkbox"/>	none
		6	Internal RH		<input checked="" type="checkbox"/>	none
		16	Battery		<input type="checkbox"/>	none
		17	T1		<input type="checkbox"/>	none
		18	MC1	Spruce (white, western)	<input checked="" type="checkbox"/>	none
		19	T2		<input type="checkbox"/>	none
		20	MC2	Spruce (white, western)	<input checked="" type="checkbox"/>	none
		36	GPP (Internal RH)		<input checked="" type="checkbox"/>	none
2099		2	Internal Temperature		<input type="checkbox"/>	none
2095		2	Internal Temperature		<input type="checkbox"/>	none
		5	External RH		<input checked="" type="checkbox"/>	none
		6	Internal RH		<input checked="" type="checkbox"/>	none

Each WiDAQ has a serial number that should be easily readable from your photos. Use these to ensure you are matching the correct descriptions/locations to the sensors. Click on the **Simple Sensor Editor** on the left menu and you will see a listing of all the nodes (WiDAQs) and sensors on the job.

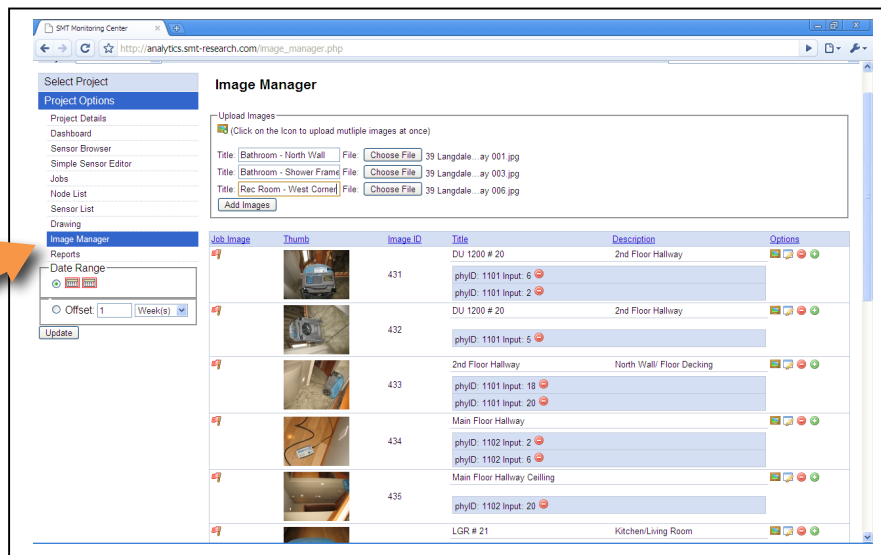
4

- Fill in the *Node Name* with a description of the location/purpose of that WiDAQ. The *Sensor Name* fields are filled in with the generic sensor descriptions – you may wish to add more detail, such as MC1 – Joist, and MC2 – Subfloor.
- You can update the wood species for Moisture Content nodes, the default is Spruce (white, western).
- You can also *show* or *hide* sensors from the report – if T2/MC2 is not used on a particular job, you can uncheck the *Include in Report* box.
- If an image has already been associated with the sensor, it will show up in the *Sensor Image* list.
- Node 1 is the Gateway (BiG) and its sensors are only used for diagnostics – you can leave the descriptions blank, and *Include in Report* unchecked.
- Once you have made all the changes, be sure to click **Update All** to save them!

5

Uploading Site Images

To help identify each sensor used on the job site, an image should have been taken that shows the WiDAQ with its serial number, and the sensor location. The images have to be uploaded and attached using the Image Manager.



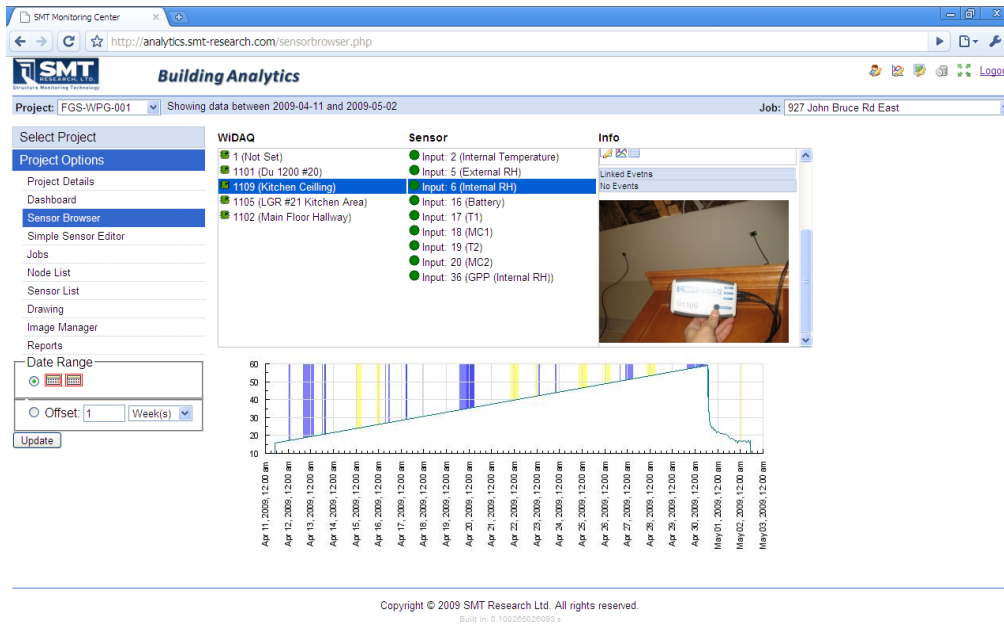
Opening the image manager gives you a file upload dialogue. To speed things up, click the small picture frame icon multiple times to match the number of photos you wish to upload.

Use **Choose File** to locate the image you have copied to your computer. Provide a meaningful description for the photo, so it is easy to identify. A single photo can be associated with more than one sensor. Once you have selected all the images you wish to upload, click **Add Images** to upload them – they will appear in the list below. Now you should associate each image to a sensor using the green + icon on the right. At this point, you may also return to the **Simple Sensor Editor** and associate the images to sensors from there – use the method you find most convenient.

6

Reviewing Data

There are several methods to review the status of a job. The first, as discussed in step 3, is the **Dashboard**, which provides an overview of the current status of all sensors. The second, which provides more detail, is the **Sensor Browser**.

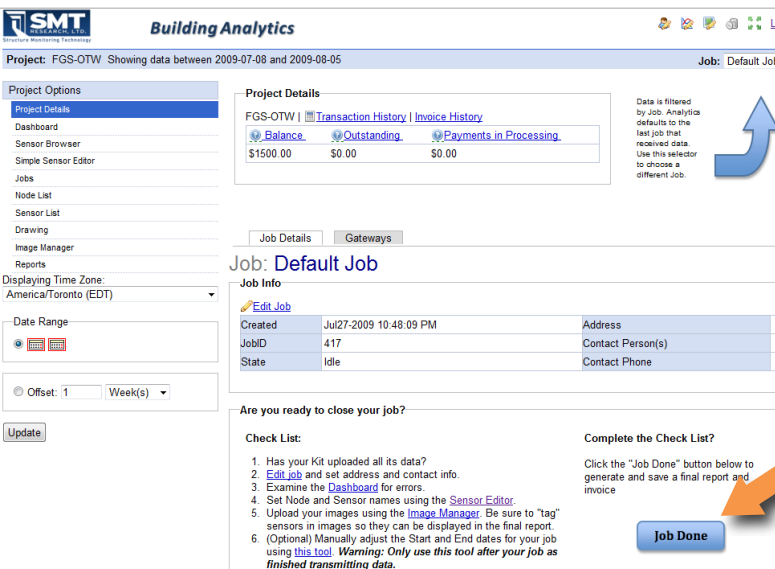


The **Sensor Browser** goes one step further and allows you to drill down to a specific sensor for further detailed information. Start with highlighting which WIDAQ you want to look at it, then the specific sensor. With those highlighted, the info box will populate all associated information with that sensor, as well as load the image associated with it and a graph of historical values. There are also icons to edit sensor information, view a larger version of the graph and to load the raw data in text format.

7

Finishing the Job and Generating the Report

Once the job is complete, and you have verified that all the data from the kit deployed onsite has been sent to Analytics, and that all the sensor images and descriptions are correct, click on the **Job Done** button on the main project page. Refer to the check list to ensure all actions are complete. A video is available illustrating how to complete a Job: <http://analytics.smtresearch.ca/help/JobDone/>.



Job: Default Job

Job Info	
Created	Jul27-2009 10:48:09 PM
Address	
JobID	417
Contact Person(s)	
State	Idle
Contact Phone	

Are you ready to close your job?

Check List:

1. Has your Kit uploaded all its data?
2. [Edit job](#) and set address and contact info.
3. Examine the [Dashboard](#) for errors.
4. Set Node and Sensor names using the [Sensor Editor](#).
5. Upload your images using the [Image Manager](#). Be sure to "tag" sensors in images so they can be displayed in the final report.
6. (Optional) Manually adjust the Start and End dates for your job using [this tool](#). **Warning: Only use this tool after your job as finished transmitting data.**

Complete the Check List?

Click the "Job Done" button below to generate and save a final report and invoice

Job Done

This will close out the job, generate a PDF of the final report, which can be downloaded, saved, and printed, and generate the invoice for the job.