

Attaching Comments & Files

Using the ONUMA Planning System to Attach Comments to BIM Projects

- Part 1 - Attaching



- Part 2 - Viewing



I - Attachments in OPS

The screenshot displays the BIMstorm interface for a shared scheme. At the top, a header bar shows 'SHARED SCHEMES : NAR_ICC_HQ_WDC' and a 'Shared' status indicator. Below this, a table lists the scheme details:

Name of Scheme	Last Updated	Scheme Owner
NAR_ICC_HQ_WDC Bldg	01-17-2008	Yong Ku Kim

Three smaller screenshots below illustrate different views of the scheme: a site plan, a floor plan with room numbers, and a 3D view of a building footprint. Red arrows point from the 'Shared' status and the scheme name in the top header to the 'Attachment' tab in the bottom navigation bar. The 'Attachment' tab is highlighted with a red dashed box.

NOTE:
You do not need to be the Owner of a Scheme to attach comments, or files. As long as the Owner has shared the Scheme Other users can attach comments to it. These comments will then be made part of the scheme, and the Owner will automatically receive a BIM-Mail™ from that location in the BIM. The Owner may then review the attachment and keep it or delete it.

I - Comment and Select

Attachments ONUMA ONUMA PLANNING SYSTEM

ATTACH COMMENTS:

BIM Mail™: When attaching comments or files to a site, floor, or space that is "owned" by another user, the owner will receive a message about the newly attached comment or file. A list of all attached files and comments can be found in the OPS Reports for each scheme/site. The list below only lists files attached to this site, floor, or space depending on the page you opened this from.

Comment Title
Maintenance and Operations

Comment:
20 Year Maintenance Cost: \$9,188,513
Annual Operations Cost: \$1,829,181

ATTACH FILES:

If the scheme is shared in the "ONUMA Bim-on-Demand™" page, all attached files become available for authorized users (group/password) except where specifically limited to "OPS only" below.

Browse to file:	File Title	OPS only
/Users/kimononuma/Desktop Browse...	Maintenance Cost	<input type="checkbox"/>
/Users/kimononuma/Desktop Browse...	Operations Cost	<input type="checkbox"/>
/Users/kimononuma/Desktop Browse...	Summary of M&O	<input type="checkbox"/>
Browse...		<input type="checkbox"/>

Submit

LIST OF COMMENTS AND UPLOADED FILES
(No comments to display)

1. Add Title
After Selecting "Attach"

2. Write Comment

3. Browse to Find File, up to 4 at a time.

4. File Title








5. OPS limits viewers to those with log in. Unchecking this gives access to files in BIM Reports <http://onuma.com/products/BimReports.php>

6. Select Submit. Wait for Upload to complete.

I-List of Comments and Attached Files

1. Comments and Attached files are listed as they are uploaded.
2. Shared files are also available in BIM Reports for viewers who do not have an OPS account.

LIST OF COMMENTS AND UPLOADED FILES

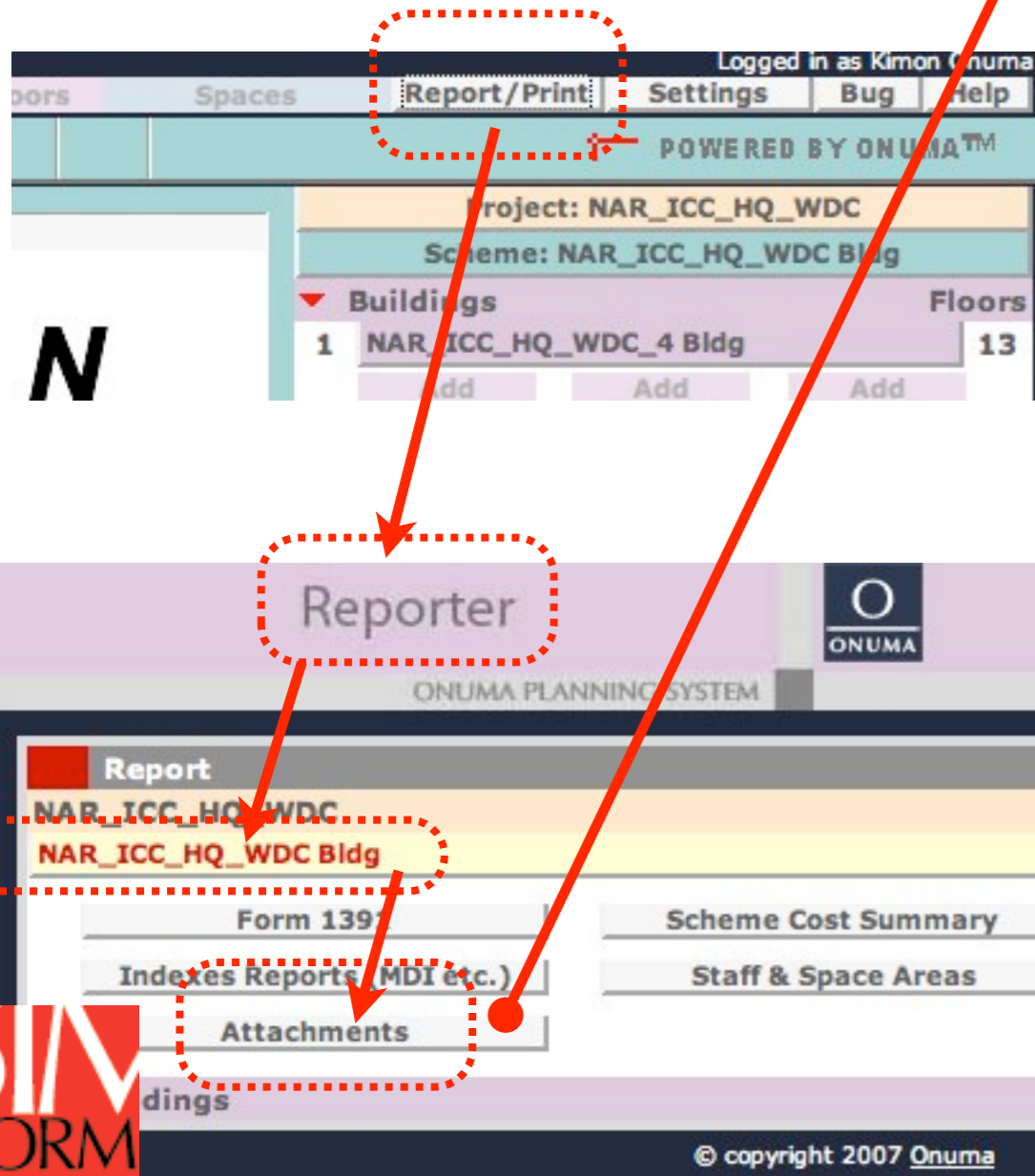
Maintenance and Operations	Kimion Onuma	1/26/08	
20 Year Maintenance Cost: \$9,188,513 Annual Operations Cost: \$1,829,181			
File	by (Name)	Date	
<u>Summary of M&O</u>	Kimion Onuma	1/26/08	 
<u>Maintenance Cost</u>	Kimion Onuma	1/26/08	 
<u>Operations Cost</u>	Kimion Onuma	1/26/08	 

[Close Window](#)

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1 -In the OPS Report Section all Attachments and Files are listed

1. Select the Site Name to View Attachments
2. File shown for all levels of attachments, site, floor, space.



Project Name: NAR_ICC_HQ_WDC
Scheme Name: NAR_ICC_HQ_WDC Bldg

Attached Comments / Files		Back
Title	By	On
<u>Maintenance and Operations</u> 20 Year Maintenance Cost: \$9,188,513 Annual Operations Cost: \$1,829,181	Kimon Onuma	1/26/08
<u>Parking</u> Surface Parking for 40 Cars Shared Parking Structure in adjacent lot. Security Guard	Kimon Onuma	1/26/08
<u>Summary of M&O</u> (Summary.pdf)	Kimon Onuma	1/26/08
<u>Maintenance Cost</u> (MR_CostsbySystemover20Years.pdf)	Kimon Onuma	1/26/08
<u>Operations Cost</u> (OperationsCostBuildingDetails.pdf)	Kimon Onuma	1/26/08
NAR_ICC_HQ_WDC_4 Bldg > 06 Sixth Floor		
<u>International Code Council Floor</u> International Code Council Offices Staff of 25 Permitter Private Offices Carpeted Offices Herman Miller Workstations Office Hours 8-6 Weekend user for seminars, occasionally Shared conference facilities on 2nd floor	Kimon Onuma	1/26/08
NAR_ICC_HQ_WDC_4 Bldg > 06 Sixth Floor > OFFICE		
<u>Office Chairs</u> Recommend using Herman Miller Aeron Chairs. 4 Chairs Needed for this Office. Grey frame Metal Blue Fabric Black Casters Tilt http://www.hermanmiller.com/CDA/SSA/Product/1,1592,a10-c440-p8,00.html <u>Aeron Chair Info</u> (CP_AER.pdf)	Kimon Onuma	1/26/08
NAR_ICC_HQ_WDC_4 Bldg > 06 Sixth Floor > CONFERENCE ROOM		
<u>Conference Room</u> 16 People White Board Video Conference Equipment Herman Miller Chairs Wireless Internet Access for Guests Hard Wire Network Connections Ceiling Mounted Projector Roll Down Screen	Kimon Onuma	1/26/08

2-View in BIM Reports



Products <http://onuma.com/products/BimReports.php>

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PRODUCTS

Products > BIM On Demand™ > BIM Reports

BIM Reports

Specify the User Group whose Projects need to be listed:

User Group: Password:

Display List of Sites

	ID	Name				Last Modified
Site:	17_467	Excel POR Tower	Cost Summary	Google Earth	BIM Gallery	12-07-07 15:47:58
Bldg(s):	17_1214	Excel POR 40 Story Tower	Cost Est.	Spaces	Energy	
Site:	17_469	3 Bldg Option	Cost Summary	Google Earth	BIM Gallery	12-29-07 13:39:28
Bldg(s):	17_1378	15 Story Bldg	Cost Est.	Spaces	Energy	
	17_1381	15 Story II	Cost Est.	Spaces	Energy	
	17_1383	20 Story Bldg	Cost Est.	Spaces	Energy	

The types of reports are:

- Cost Summary per bldg.
- Cost summary per site, with multiple buildings
- Energy Calculation per bldg.
- Energy Calc per Site
- List of spaces by name, area, capacity

Real time view of the projects as they are posted.
The default view on this page is to sample projects.



2-View in BIM Reports

			Cost Est.	Spaces	Energy	
		39_360 Media	Cost Est.	Spaces	Energy	
		39_362 Recreation	Cost Est.	Spaces	Energy	
<input type="checkbox"/>		Site: 39_189 NAR_ICC_HQ_WDC Bldg	Cost Summary	Google Earth	BIM Gallery	01-17-08 14:52:27
		Bldg(s): 39_354 NAR_ICC_HQ_WDC_4 Bldg	Cost Est.	Spaces	Energy	
<input type="checkbox"/>		Site: 39_179 Multi Family e 3rd street	Cost Summary	Google Earth	BIM Gallery	01-23-08 10:34:59
		Bldg(s): 39_293 Mixed Use Multi Family Bldg	Cost Est.	Spaces	Energy	
<input type="checkbox"/>		Site: 39_177 Block 13 and 15 - Scheme C	Cost Summary	Google Earth	BIM Gallery	01-16-08 17:22:06
		Bldg(s):	Cost Est.	Spaces	Energy	

Products > BIM On Demand™ > BIM Reports

BIM Gallery

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of 1 pages
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NAR_ICC_HQ_WDC Bldg

Files

Opens Files on Next Page

OPS Viewers who do NOT own the Scheme can still post comments and files like this. A type of "Facebook" for BIM. Their posts will then alert the owner of the scheme with BIM Mail™, The BIM sends a mail to the owner from the specific location. For example, if an analyst is posting a recommendation for a Herman Miller Aeron Chair in Office 201 on the 2nd floor of Building B, that room from the BIM will send an email to the owner, as the post is made.



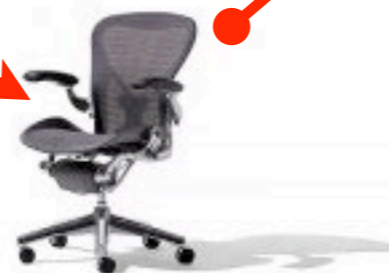
Site Plan Sketch
NAR_ICC_HQ_WDC Bldg
(by KO on 1/26/08)



6th Floor View
NAR_ICC_HQ_WDC Bldg
(by KO on 1/26/08)



Green Roof
NAR_ICC_HQ_WDC_4 Bldg > 13
Penthouse
(by KO on 1/26/08)



Aeron Chair Image
NAR_ICC_HQ_WDC_4 Bldg > 00 Sixth
Floor > OFFICE

2-View in BIM Reports

Products > BIM On Demand™ > BIM Reports

Images





BIM Gallery

NAR_ICC_HQ_WDC Bldg

File Title	file Name	by	on
SmartCode AEC3 Report	ICC_NAR_ICC_HQ_20080126080412.pdf	KO	1/26/08
SmartCode Digital Alchemy Report	Digital_Alchemy_ICC_Code.pdf	KO	1/26/08
SmartCode Solibri Report	SolibriModelCheckerReport.pdf	KO	1/26/08
Overview of Code Check	SMARTcodes_Demo.pdf	KO	1/26/08
Summary of M&O	Summary.pdf	KO	1/26/08
Maintenance Cost	MR_CostsbySystemover20Years.pdf	KO	1/26/08
Operations Cost	OperationsCostBuildingDetails.pdf	KO	1/26/08

NAR_ICC_HQ_WDC_4 Bldg > 06 Sixth Floor > OFFICE

File Title	file Name	by	on
Aeron Chair Info	CP_AER.pdf	KO	1/26/08

Other reports are also linked to the scheme. In the example above, SmartCode analysis of the building completed in AEC3, Digital Alchemy and Solibri are posted back as PDF files attached to the project. The posting can be accomplished by the analyst opening up and viewing the project and then running their analysis in other software. In the future direct linking through open standards exchanges will be the norm.

Whitestone Research Posts their operations and maintenance analysis.

2- Network Link to Google Earth



Google Earth Network Links

- a- Floor Slabs Only
- b- Incl. Spaces - Buildings with spaces and slabs.
- c- Zoning only.

Small pointer files to user selected projects that will update in real time as projects change. There is a selection box on the left side, that you can check off projects you would like to subscribe to and then scroll to the bottom of the page to download a small network link file to open in Google Earth.