## **Groups Constraints**

The Groups page is where you can add or delete group constraints to be used in the optimization.

		LECT INPUT SYN	THESIZE	ALLOCATE	REPORTS	C	•	
Scenario: Default Scenario View All Groups C Groups for scenario "Default Scenario"								
Group name: #1 Internet Related All Alternatives: 1. AS/400 Replacements 2. Cisco Routers 3. Customer Service Call Center 4. Desktop Replacements 5. EMC Symmetrix 6. Firewall and Antivirus Licenses 7. Iron Mountain Backup Service 8. Laptop Replacements 9. Mobile Workforce Pocket PCs 10. Oracle 91 Upgrade 11. PeopleSoft Upgrade 12. Plumtree Corporate Portal 13. ProServe System Upgrade 14. Sales Force Laptops 15. SRDF Site/Service 16. Thin Client Implementation	Search:	All   None		Groups: #1 Inte 12. Plu 6. Firev 2. Cisc 16. Thi #2 Con 8. Lapt 4. Dest 14. Sal	<ul> <li>= 1: The number of Alternatives has to be at least</li> <li>Frnet Related</li> <li>wall and Antivirus Licenses</li> <li>co Routers</li> <li>in Client Implementation</li> <li>mputers</li> <li>top Replacements</li> <li>les Force Laptops</li> <li>workforce Pocket PCs</li> <li>Click          <ul> <li>on top to add a new group</li> </ul> </li> </ul>	1 V	5	
Show costs		Total Cost: 22,505				Total Cost: 4,065	5	
Image: Shortcuts Image: Sh								

When using our Resource Aligner, groups of alternatives can be defined to assure that one of the following four relationships exist among the alternatives in a group:

Group type: 🎭				
<= 1: The number of Alternatives has to be less than or equal to 1 = 1: The number of Alternatives has to be equal to 1				
>= 1: The number of Alternatives has to be at least 1				
∀vø: Either all or none				

- At most one alternative in the group will be selected (i.e., no alternatives or one alternative in the group will be selected).
- Exactly one alternative in the group will be selected.
- At least one alternative in the group will be selected.
- Either all or none will be selected.

Click 🔶 to create a new group

Create Group					
Group name:	New group				
Group type:	• <= 1: The number of alternatives has to be less $\mathbf{v}$				
	OK	Cancel			

Enter the group constraint name and select from the group type pull-down menu.

Click OK.

The added group will be displayed on the right



You can add controls to be a member of the group by selecting from the controls at the left and then clicking the



You can then remove controls from the group by selecting them from the right side list and then clicking the



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