



D A M S T R A

Manage Beacon
Groups

Solo Platform



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Manage Beacon Groups

Introduction

With Solo, Beacons can be used to improve the accuracy of location tracking inside buildings, as well as to deliver proximity-based alerts and messages to Solo App Users.

Beacon Groups provide an optional method of logically grouping Beacons together, providing an easy way to categorise your Beacons as well as the ability to send a common message to Solo App Users within range of any Beacon in a particular group.

Beacon Groups

Logically group Beacons together

Easy way to categorise Beacons

Send common message to Users

Manage Beacon Groups

Beacons Register

To create a Beacon Group, begin in the *Beacons Register* which can be found in the *Setup* area.

The screenshot displays the 'Beacons Register' interface within the 'Solo' application. The sidebar on the left includes navigation options such as 'Live', 'All Users', 'Alerts', 'Reports', 'Subinsights', 'Messages', 'Setup', 'Users', 'Teams', 'Profiles', 'Zones', and 'Beacons'. The 'Beacons' option is highlighted. The main content area shows a summary of beacon status: Alerts (0), Missed (0), Active (15), and Suspended (0). Below this is a table of beacon users, with columns for Name, Device, Profile, Start, and Last Activity. The table lists 15 users, including Scout Portnoy, Clarence Travis, Scarlett Motes, Holden Marlowe, Chris Richards, James Moriarty, Trevor Rice, Sam Jeeves, Atticus Bart, and Leopold Finch. A map of Australia is displayed on the right side of the interface, showing the locations of the beacons.

Name	Device	Profile	Start	Last Activity
Scout Portnoy	16%	Remote/Work from home	Today, 1:25 PM 0:20:33	Today, 1:25 PM
Clarence Travis Operations Manager	15%	Offsite Client Location	Today, 1:07 PM 0:38:28	Today, 1:07 PM
Scarlett Motes Manager of Workers	29%	Offsite Client Location	Today, 12:43 PM 1:02:12	Today, 12:43 PM
Holden Marlowe	10%	Remote/Work from home	Today, 12:14 PM 1:31:47	Today, 12:14 PM
Chris Richards	14%	Offsite Client Location	Today, 11:48 AM 1:57:15	Today, 11:48 AM
James Moriarty	81%	Offsite Client Location	Today, 11:38 AM 2:07:27	Today, 11:38 AM
Trevor Rice Operations Manager	25%	Remote/Work from home	Today, 11:12 AM 2:33:15	Today, 11:12 AM
Sam Jeeves Manager of Workers	67%	Offsite Client Location	Today, 11:02 AM 2:43:44	Today, 11:02 AM
Atticus Bart Operations Manager	9%	Remote/Work from home	Today, 10:34 AM 3:12:00	Today, 10:34 AM
Leopold Finch	82%	Remote/Work from home	Today, 10:23 AM 3:22:53	Today, 10:23 AM

Manage Beacon Groups

Beacons Register: All Beacons

The Beacons Register is divided into two tabs.

The *All Beacons* tab shows the details of all Beacons that have already been added to Solo, and the groups that they belong to, if any.

Note that a Beacon can belong to any number of Beacon Groups. Help with adding Beacons can be found in the Support Portal.

The screenshot displays the 'Beacons Register' interface in the 'Solo' environment. The page title is 'Solo / Beacons'. There are buttons for 'Add Beacon', 'Import Beacons', and 'Create Beacon Group'. A navigation bar shows 'All Beacons' (selected) and 'Beacon Groups'. A search bar is present above the table. The table lists 15 beacons with columns for Beacon Name, UUID, Major, Minor, Address, and Groups. Each row has an 'Edit' button. The table shows beacons from various locations like Singapore, Sydney, Auckland, and Melbourne.

Beacon Name	UUID	Major	Minor	Address	Groups	
Singapore Main Entrance	BSB182C7-EAB1-4988-AA99-B5C3336568D6	1	1	Bright Hill Drive, Singapore		Edit
SYD Level 1 Conference room	BSB182C7-EAB1-4988-AA99-B5C0006568D6	1	3	28 Cooper St, Surry Hills, Sydney	ABC Sydney Regional	Edit
SYD Level 1 Main Office	BSB182C7-EAB1-4988-AA99-B5C1126568D6	1	2	28 Cooper St, Surry Hills, Sydney	ABC Sydney Regional	Edit
SYD Main Entrance	BSB182C7-EAB1-4988-AA99-B5C1516568D6	1	1	24A Cooper St, Surry Hills, Sydney	ABC Sydney Regional	Edit
AK Regional Sales main entrance	BSB182C7-EAB1-4988-AA99-B5C151778D6	1	1	182-186 Victoria St W, Auckland CBD, Auckland	ABC Auckland Regional	Edit
WN level 2 Regional Sales	BSB182C7-EAB1-4988-AA99-B5C1517008D6	2	1	18 Willis St, Wellington, Wellington		Edit
Ak Regional Sales Conference room	BSB182C7-EAB1-4988-AA99-B5C1519808D6	1	2	162 Victoria St W, Auckland CBD, Auckland	ABC Auckland Regional	Edit
MEL Level 18 Main Office	BSB182C7-EAB1-4988-AA99-B5C1518788D6	18	2	1-4 Nicholson St, East Melbourne, Melbourne	ABC Melbourne (Head Office)	Edit
Melbourne Head Office Main Entrance	BSB182C7-EAB1-4988-AA99-B5C151118D5	18	1	1-4 Nicholson St, East Melbourne, Melbourne	ABC Melbourne (Head Office)	Edit
MEL Level 18 Conference room	BSB182C7-EAB1-4988-AA99-B5C1515578D6	18	3	1-4 Nicholson St, East Melbourne, Melbourne	ABC Melbourne (Head Office)	Edit

Showing 1 to 10 of 15 entries

Manage Beacon Groups

Beacons Register: Beacon Groups

The *Beacon Groups* tab switches this view to show the Groups themselves, the number of Beacons within, and any associated messaging.

To create a new Beacon Group, **click** the *Create Beacon Group* button.

The screenshot displays the 'Beacon Groups' management page in the Damstra Solo application. The interface includes a sidebar with navigation options like 'Solo', 'Live', 'All Users', 'Alerts', 'Reports', 'Subinsights', 'Messages', 'Setup', 'Users', 'Teams', 'Profiles', 'Zones', and 'Beacons'. The main content area shows a table of Beacon Groups with columns for Group Name, Total Beacons, Message Subject, and Message Preview. A 'Create Beacon Group' button is visible in the top right corner.

Group Name	Total Beacons	Message Subject	Message Preview
ABC Sydney Regional	3		Edit
ABC Auckland Regional	4		Edit
ABC Centre of Excellence	6		Edit

Showing 1 to 3 of 3 entries

Manage Beacon Groups

Add Beacon Group

To begin, give the Beacon Group a name.

Next, if you'd like to add existing Beacons to the group, **select** them in the *All Beacons* table by searching or browsing the table and making individual selections, or select all currently-displayed Beacons by ticking the checkbox at the top of the table.

Once your selections are made, click the right-facing chevron to add them into the Beacon Group.

Solo / Beacons / Create Beacon Group

← Back to Beacon Groups

Beacon Group Details

Beacon groups help you categorise your beacons as well as send unique proximity messages to those who enter within range

*Indicates required fields

Beacon Group Name*

ABC Company Melbourne Head Office

Grouped Beacons

Please select which individual beacons you would like to assign to this group

All Beacons

Search: Melbourne Show 10 entries

<input checked="" type="checkbox"/>	Beacon Name	Address
<input checked="" type="checkbox"/>	MEL Level 18 Conference room	1-4 Nicholson St, East Melbourne, Melbourne
<input checked="" type="checkbox"/>	MEL Level 18 Main Office	1-4 Nicholson St, East Melbourne, Melbourne
<input checked="" type="checkbox"/>	Melbourne Head Office Main Entrance	1-4 Nicholson St, East Melbourne, Melbourne

Showing 1 to 3 of 3 entries

Beacons in this group

Search: Show 10 entries

<input type="checkbox"/>	Beacon Name	Address
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No records available

Showing 0 to 0 of 0 entries

Optional Details

Proximity Messages

These are messages that are sent to the worker's mobile device when they come within range of at least one beacon within this group. If there are any individual beacons with existing proximity messages, the group message will be additional.

Subject

Note: It is recommended to keep subject length to under 75 characters to fit on Solo Watch screens.

Manage Beacon Groups

Add Beacon Group cont.

If you'd like Solo Users within range of any Beacons in this group to receive a message, enter the subject and message body here.

Note: It's recommended that the subject be kept to 25 characters or less so that it displays correctly on all devices.

Finally, **select** the amount of minutes that must pass before this message will present itself again to a User who leaves the group's range and then later returns. A longer value will reduce the likelihood of a User receiving the same message multiple times within the same day.

The screenshot displays the Damstra Solo web interface. On the left is a navigation menu with options: Live, All Users, Alerts, Reports, Subscriptions, Messages, Setup (Users, Teams, Profiles, Zones, Beacons), and Beacons. The main content area is divided into two sections. The top section, titled 'PER REGIONAL OFFICE MAIN ENTRANCE', contains a list of beacons with checkboxes for selection. The bottom section, titled 'Optional Details', contains configuration fields for 'Proximity Messages'. The 'Subject' field contains 'Welcome to ABC Company Melbourne'. The 'Message' field contains 'Please check in at reception upon arrival'. The 'Expiry time' field contains '120'. The interface includes pagination controls and 'Cancel' and 'Save' buttons.

PER REGIONAL OFFICE MAIN ENTRANCE	PER REGIONAL OFFICE MAIN ENTRANCE
<input type="checkbox"/>	CHCH Level 1 CEO office 106 Wignits Rd, Addington, Christchurch
<input type="checkbox"/>	CHCH Level 1 Main Entrance 106 Wignits Rd, Addington, Christchurch
<input type="checkbox"/>	CHCH Level 1 Main office 106 Wignits Rd, Addington, Christchurch
<input type="checkbox"/>	CHCH Level 1 Training room 106 Wignits Rd, Addington, Christchurch
<input type="checkbox"/>	Manufacturing Line 100 Bridge Rd, Richmond
<input type="checkbox"/>	Singapore Main Entrance Bright Hill Drive, Singapore
<input type="checkbox"/>	SYD Level 1 Conference room 28 Cooper St, Surry Hills, Sydney
<input type="checkbox"/>	SYD Level 1 Main Office 28 Cooper St, Surry Hills, Sydney

Showing 1 to 10 of 12 entries

Optional Details

Proximity Messages

These are messages that are sent to the worker's mobile device when they come within range of at least one beacon within this group. If there are any individual beacons with existing proximity messages, the group message will be additional.

Subject

Welcome to ABC Company Melbourne

Note: It is recommended to keep subject length to under 25 characters to fit on Solo Watch screens

Message

Please check in at reception upon arrival

The expiry time for resetting the alert after the beacon can no longer be seen (minutes)

120

Cancel Save

Manage Beacon Groups

Save Beacon Group

Once all details are entered, **click save** to return to the *Beacons Group* tab, where the new Beacon Group is displayed.

The screenshot displays the 'Beacons' management page in the Damstra Solo application. The interface includes a sidebar with navigation options like 'Solo', 'Live', 'All Users', 'Alerts', 'Reports', 'Solosights', 'Messages', and 'Setup'. The main content area shows a table of beacon groups with columns for Group Name, Total Beacons, Message Subject, and Message Preview. The first row is highlighted with a blue border, indicating it is selected. The table contains the following data:

Group Name	Total Beacons	Message Subject	Message Preview	
ABC Company Melbourne Head Office	3	Welcome to ABC Company Melbourne	Please check in at reception upon arrival	Edit
ABC Sydney Regional	3			Edit
ABC Auckland Regional	4			Edit
ABC Centre of Excellence	8			Edit

At the top of the page, there are buttons for 'Add Beacon', 'Import Beacons', and 'Create Beacon Group'. The page also features a search bar and pagination controls at the bottom of the table, showing 'Showing 1 to 4 of 4 entries'.

Manage Beacon Groups

Edit Beacon Group

To make changes to an existing group, **click** the corresponding *Edit* button and make the required changes before **clicking** *Update*.

The screenshot shows the 'Beacon Groups' management interface in the Damstra Solo application. The left sidebar contains navigation options: Solo, Live, All Users, Alerts, Reports, Subscriptions, Messages, Setup, Users, Teams, Profiles, Zones, and Beacons. The main content area displays a table of beacon groups with the following data:

Group Name	Total Beacons	Message Subject	Message Preview	
ABC Company Melbourne Head Office	3	Welcome to ABC Company Melbourne	Please check in at reception upon arrival	Edit
ABC Sydney Regional	3			Edit
ABC Auckland Regional	4			Edit
ABC Centre of Excellence	8			Edit

Below the table, the 'Optional Details' form is visible, showing the following fields:

- Subject:** Welcome to ABC Company Head Office
- Message:** Please check in at reception upon arrival
- Expiry time (minutes):** 120

The 'Update' button is highlighted in the bottom right corner of the form.

Manage Beacon Groups

Delete Beacon Group

To delete a group, first **remove** all Beacons from the group while in Edit mode by **selecting** all and **clicking** the left-facing chevron.

Then, **click** the *Delete* button.

The screenshot displays the 'Manage Beacon Groups' interface. On the left is a dark navigation sidebar with options: All Users, Alerts, Reports, Subhighlights, Messages, Setup, Users, Teams, Profiles, Zones, and Beacons. The main content area is titled 'Beacon Group Name*' and contains the text 'ABC Company Melbourne Head Office'. Below this, it says 'Grouped Beacons' and 'Please select which individual beacons you would like to assign to this group'. There are two tables: 'All Beacons' and 'Beacons in this group'. The 'All Beacons' table has a search bar and a 'Show 10 entries' dropdown. It lists five beacons with checkboxes. The 'Beacons in this group' table also has a search bar and a 'Show 10 entries' dropdown. It lists three beacons, all of which are selected with blue checkmarks. A left-facing chevron button is visible between the two tables. At the bottom right, there are 'Cancel', 'Update', and 'Delete' buttons. The 'Delete' button is highlighted with a blue mouse cursor. Below the main content area, there is an 'Optional Details' section with a 'Proximity Messages' heading. It contains a 'Subject' field with the text 'Welcome to ABC Company Head Office', a 'Message' field with the text 'Please check in at reception upon arrival', and an 'Expiry time' field with the value '120'. A note states: 'Note: It is recommended to keep subject length to under 25 characters to fit on Solo Watch screens'.

