Basic UI Mechanisms, Dimensions and Responsiveness Specifications – Lead2Lease 2.0 v.1.0

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# The Purpose of this document

The purpose of this document is to provide a framework of shared UI components Development can use to create a standard template for **L2L 2.0** screens.

# Assumptions

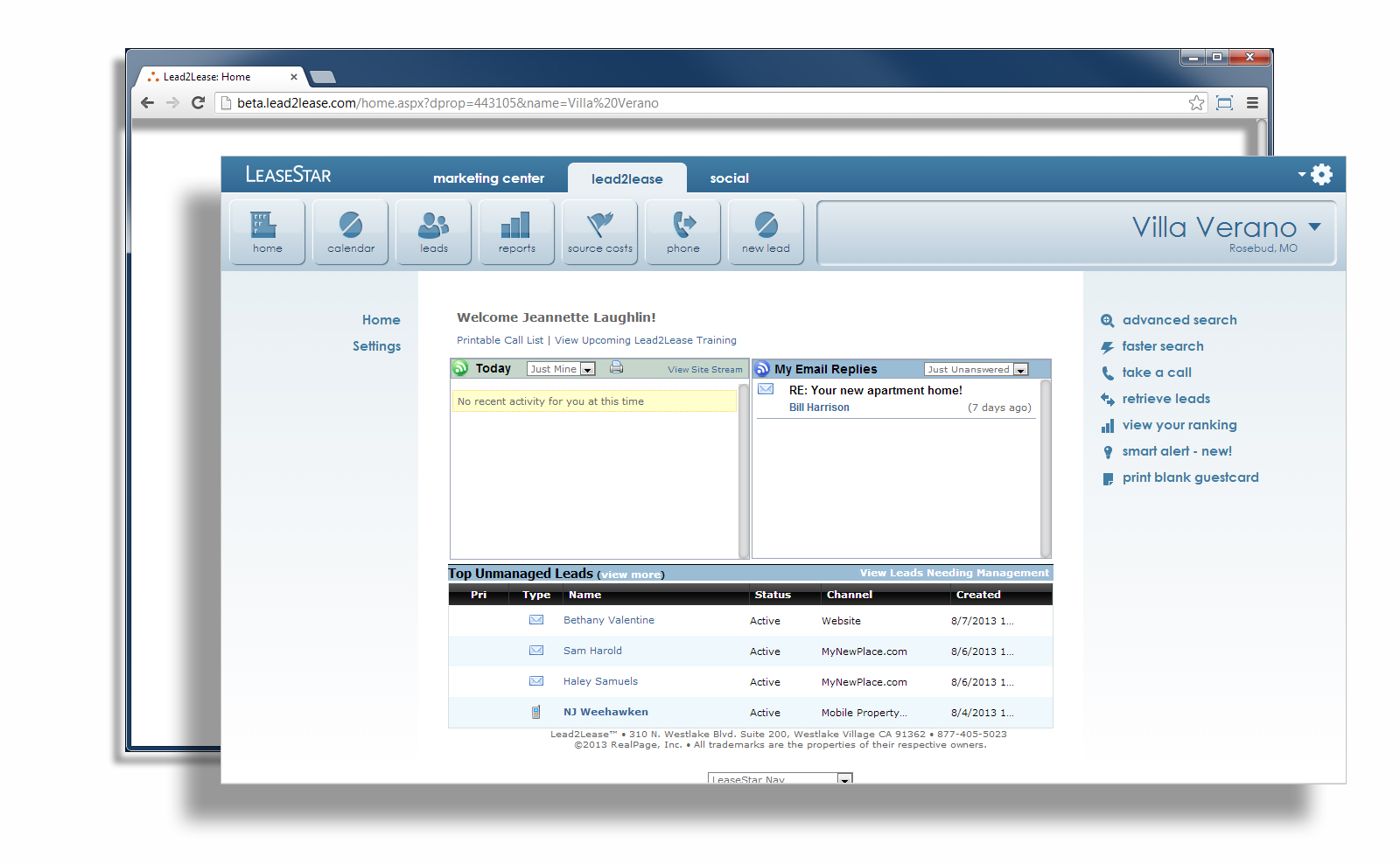
This document makes two key assumptions:

1. Viewable Area excludes browser chrome
2. The responsivenss of the Ribbon is a separate conversation

## Viewable Area excludes browser chrome

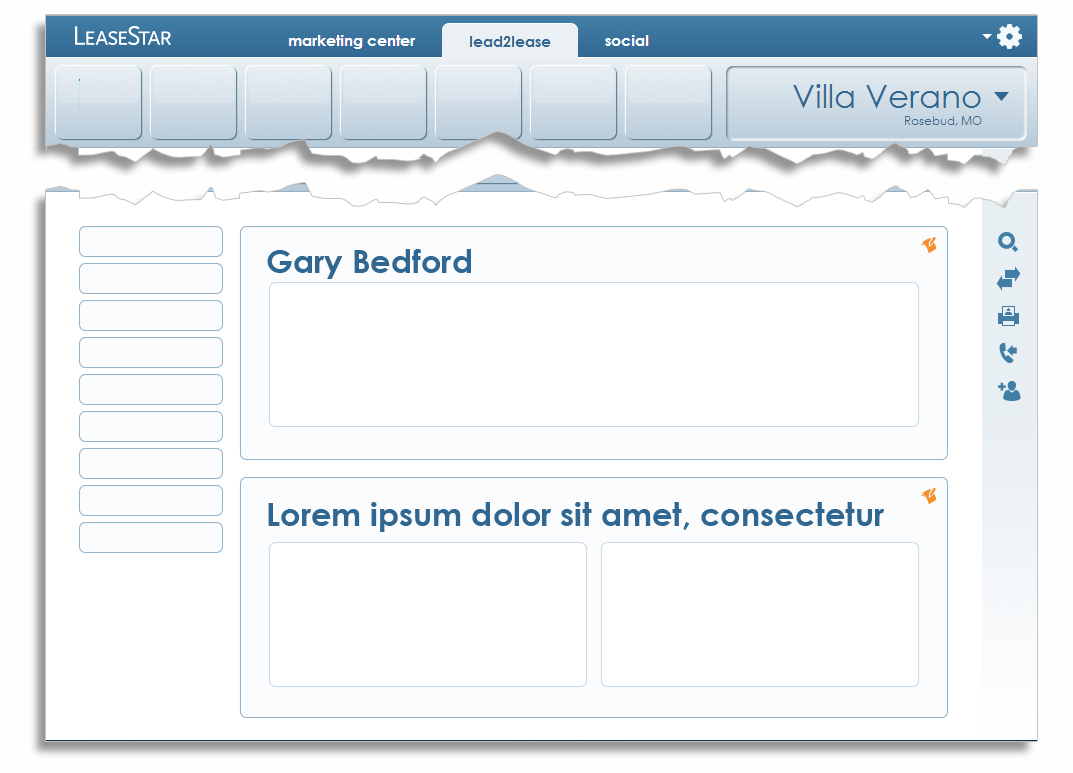
Integral to the process of making any screen responsive is determining when the screen should, well, respond. This is achieved by establishing “Break-points.” A **Break-point** is that width at which a new responsive configuration of a screen’s UI objects gets triggered.

Because the width of browser chrome can vary slightly across browsers, we shall refer only to a screen’s “Viewable Area” when specifying screen widths for **L2L 2.0**. **Viewable Area** is what Google Chrome means when it refers to that portion of a browser session that appears in the browser’s “Viewport.”



## The responsivenss of the Ribbon is a separate conversation

Because further elaboration on the responsiveness of the **Ribbon** is a consideration universal to **LeaseStar** and not just **L2L**, it is not scoped for this document.



# L2L UI Objects

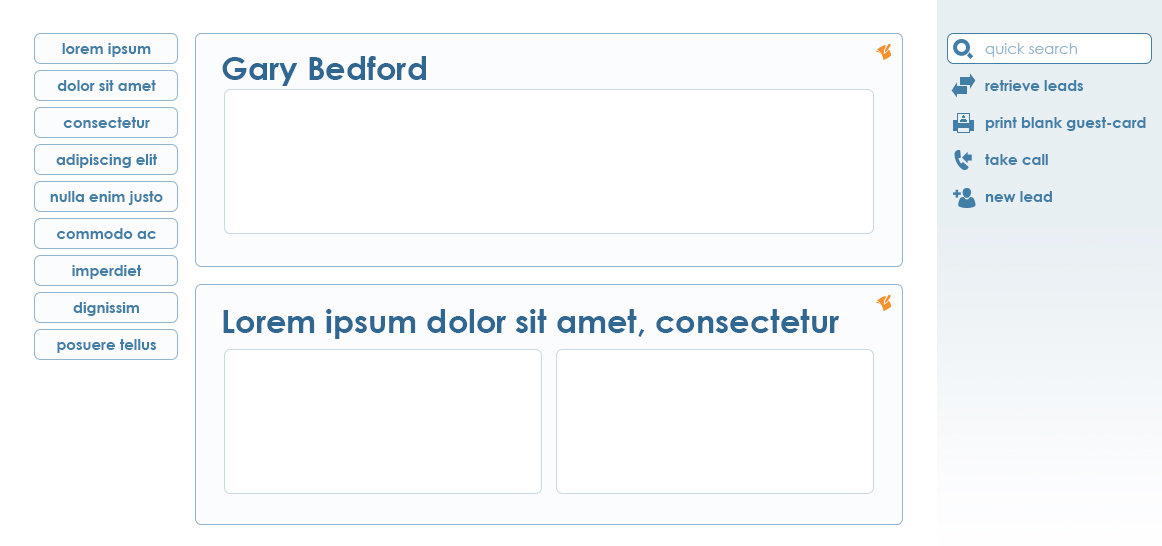
## An Object by any other name …

The first step in describing the behaviors and responsiveness of the UI components and mechanisms populating any given set of screens is naming the objects that comprise them.

Quick Search

Right-Side Nav Faded Background

(RSNFBG)



ABC Button

Smart Alert Feed (SAF)

Global Action Options Area (GAOA)

(TBD)

Module

Control

Half-Span Module Content Area (HSMCA)

Action Button Column (ABC)

Full-Span Module Content Area (FSMCA)

Standard Module

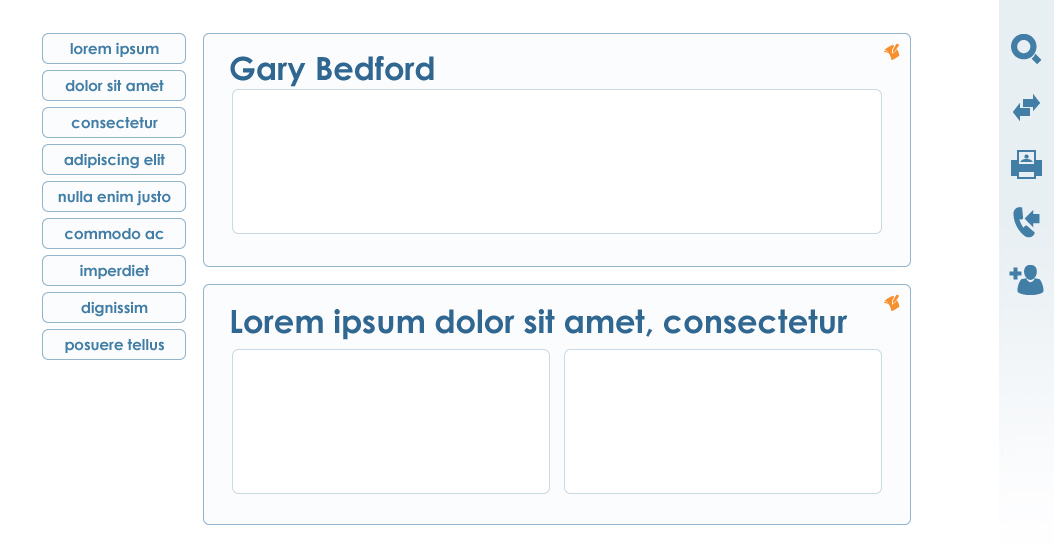
Module

Header

more …

… continued from previous page …

Abbreviated Right-Side Expandable Overlay Nav (ARSEON)



Obviously, those objects itemized here represent just the most basic and elemental of **L2L 2.0’s** new UI. Many, many more will be described in future versions of this and other related documentation.

# The Action Button Column (ABC)

The **Action Button Column (ABC)** will be standard equipment on many **L2L 2.0** screens. This is where every major operation to be performed on the data shown on a given **L2L 2.0** screen lives. Those operations available will, of course, differ by screen and will generally be listed in order with the most crucial and/or popular operations at the top and the less crucial and/or popular operations toward the bottom.

Generally, the **ABC** will contain uncomplicated buttons that fire their respective operations. The only manner in which they will vary collectively is by width – see the following two sections on their responsiveness:

* [ABC Wraps – 991px to 831px](#_ABC_Wraps_–)
* [Half-Span Module Content Areas (HSMCA) Wrap – 830px to 1px](#_Half-Span_Module_Content)

Individually, an **ABC Button** will vary in only two respects:

|  |  |  |
| --- | --- | --- |
| **In vertical height when the text it contains must wrap to two lines:** |  | **In color on mouseOver – the colors virtually invert:** |
|  |  | A Photoshop comp for the design discussed here is available.   * The file name is: **ABC 02.psd** * The comp lives on the Wiki here under ‘2.0 UI UX’: <http://wiki.realpage.com/x/vxFa>. * The Layer Comp states relevant to the discussion on this page are as follows:   + **Default**   + **mouseOver**   + **Multi-line button** * For more on what Layer Comp states are, please refer to [Appendix I](#Appendix I - Viewing multiple comps in one Photoshop file). |

# Quick Search

The Quick Search field occurs in both the **Right-Side Nav** and the **Abbreviated Right-Side Expandable Overlay Nav (ARSEON)** and looks nearly identical in both.

Nearly.

## Layout

Because of the subtle differences in spacing and alignment required when invoking the larger icons native to the **ARSEON**, the Quick search field must vary slightly in both spacing and alignment in order to retain its aesthetic appeal between these two instantiations. The following grid lays out their similarities and their very subtle differences:

|  |  |  |
| --- | --- | --- |
|  | **RSN version** | **ARSEON version** |
|  |  |  |
| Width | 205px | 205px |
| Distance from left edge of RSN or ARSEON background | 10px | 10px |
| Distance from right edge of RSN or ARSEON background | 10px | 10px |
| Square size of Search icon | 20px | 20px |
| Distance between leftmost edge of search field and leftmost edge of Search icon | 5px | 9px |
| Distance between leftmost edge of search field and beginning of text ‘quick search’ (and any text entered by the User thereafter). | 38px | 44px |

A Photoshop comp for the design discussed here is available.

* The file name is: **QuickSearch01.psd**
* The comp lives on the Wiki here under ‘2.0 UI UX’: <http://wiki.realpage.com/x/vxFa>.
* The Layer Comp states relevant to the discussion on this page are as follows:
  + **RSN version – Default**
  + **ARSEON layout**
* For more on what Layer Comp states are, please refer to [Appendix I](#Appendix I - Viewing multiple comps in one Photoshop file).

## User Experience

The User’s experience of **Quick Search** must be robust, responsive and elegant as it will be one of the most regularly used of the UI mechanisms appearing in **L2L 2.0.**

Unlike the small matters of spacing and alignment described in the previous section, the following descriptions are true for both the **Right-Side Nav (RSN)** and **Abbreviated Right-Side Expandable Overlay Nav (ARSEON)** instantiations of **Quick Search** in every case:

|  |  |  |
| --- | --- | --- |
| Default |  | Icon is not clickable |
| User clicks inside field but does not type anything |  | * Icon is not clickable * Text label disappears |
| User clicks inside field and begins typing |  | * Icon changes color * Icon is clickable * Text label is replaced by User-entered text |
| User either clicks icon or hits ‘Enter’ on their keyboard to initiate search |  | * Icon returns to default state and is no longer clickable * Text label returns to default state |

A Photoshop comp for the design discussed here is available.

* The file name is: **QuickSearch01.psd**
* The comp lives on the Wiki here under ‘2.0 UI UX’: <http://wiki.realpage.com/x/vxFa>.
* The Layer Comp states relevant to the discussion on this page are as follows:
  + **RSN version – Default**
  + **RSN version - User enters text**
* For more on what Layer Comp states are, please refer to [Appendix I](#Appendix I - Viewing multiple comps in one Photoshop file).

# Five Screen Configurations

All **Lead2Lease 2.0 (L2L 2.0)** screens will exist in one of five states of responsiveness that depend on the User’s browser width ([or, to be more specific, the width of the User’s browser’s view-port).](#_Viewable_Area_excludes) Each of these states represent a unique “Configuration” of those objects which facilitate User workflow on any given **L2L 2.0** screen. Depending upon which **Configuration** the User is seeing, these objects may widen, narrow, wrap or disappear entirely.

Here is a list of each **Configuration** along with its **Break-point** (that width at which the Configuration gets triggered). They are listed here in order of screen width – widest to narrowest.

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Configuration** | **Gets triggered at this width (Break-point)** | **Exists in this range** |
| 1 | Ideal | 1387px | 1387px to ∞ |
| 2 | Standard | 1386px | 1386px to 1055px |
| 3 | Compressed | 1161px | 1054px to 992px |
| 4 | ABC Wraps | 991px | 991px to 831px |
| 5 | HSMCA’s Wrap | 830px | 830px to 1px |

Now let’s explore each Configuration in detail.

## Ideal – widest possible to 1387px



Smart Alert Feed (SAF)

(TBD)

(shown: 1653px)

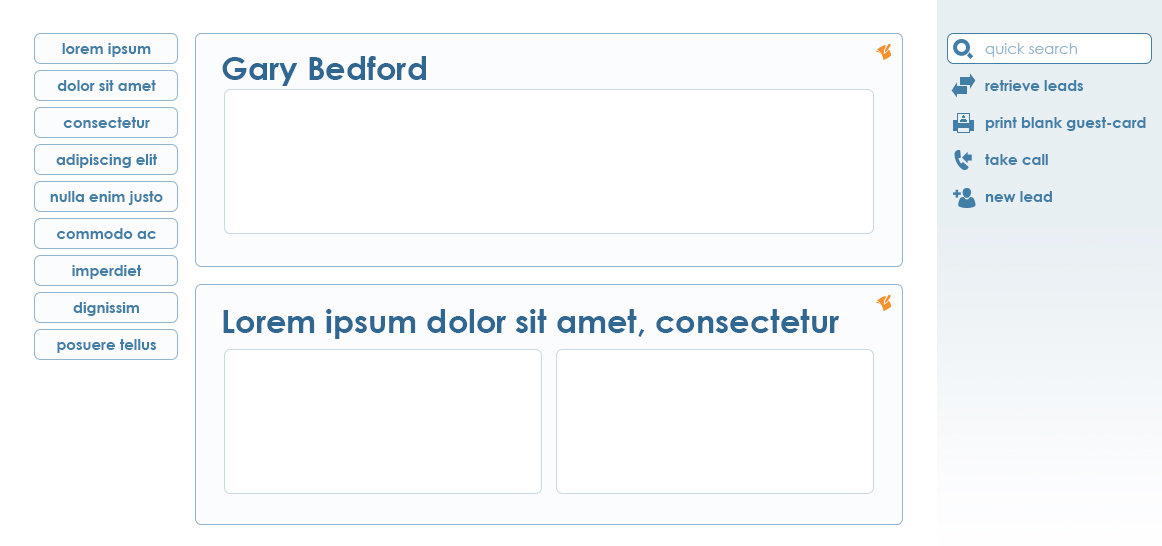
A Photoshop comp for the design discussed here is available.

* The file name is: **L2L Responsive Layout IDEAL01.psd**
* The comp lives on the Wiki here under ‘2.0 UI UX’: <http://wiki.realpage.com/x/vxFa>

### Distinguishing characteristics:

* **Smart Alert Feed (SAF)** appears
* No object wraps
* **Right-Side Nav (RSN)** appears
* **Abbreviated Right-Side Expandable Overlay Nav (ARSEON)** does not appear

## Standard -- 1386px to 1055px



Smart Alert Feed (SAF)

(TBD)

(shown: 1162px)

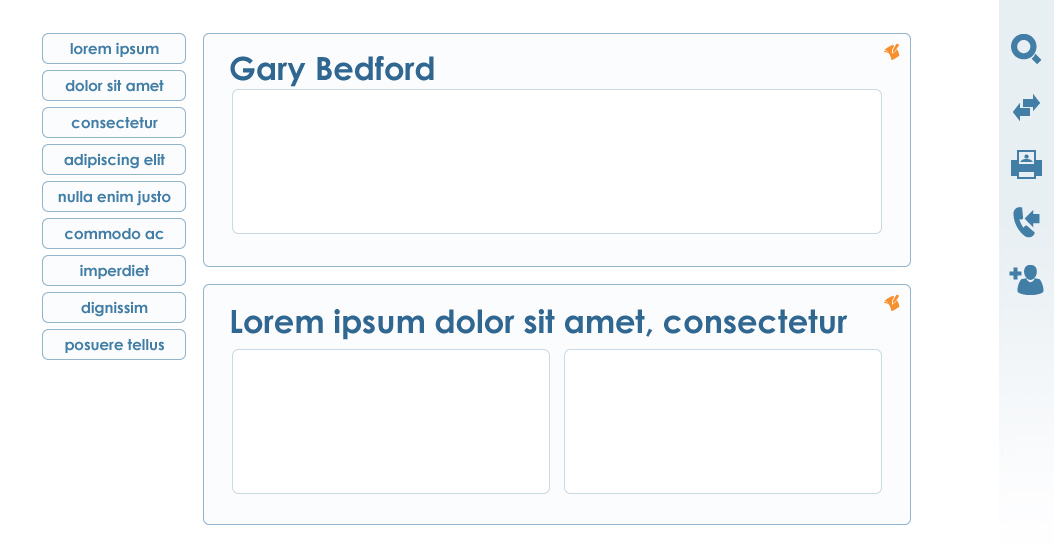
A Photoshop comp for the design discussed here is available.

* The file name is: **L2L Responsive Layout STANDARD 01.psd**
* The comp lives on the Wiki here under ‘2.0 UI UX’: <http://wiki.realpage.com/x/vxFa>

### Distinguishing characteristics:

* **Smart Alert Feed (SAF)** appears
* The **Smart Alert Feed (SAF)** wraps under the **Right-Side Nav (RSN)**
* No other object wraps
* **Right-Side Nav (RSN)** appears
* **Abbreviated Right-Side Expandable Overlay Nav (ARSEON)** does not appear

## Compressed – 1054px to 992px



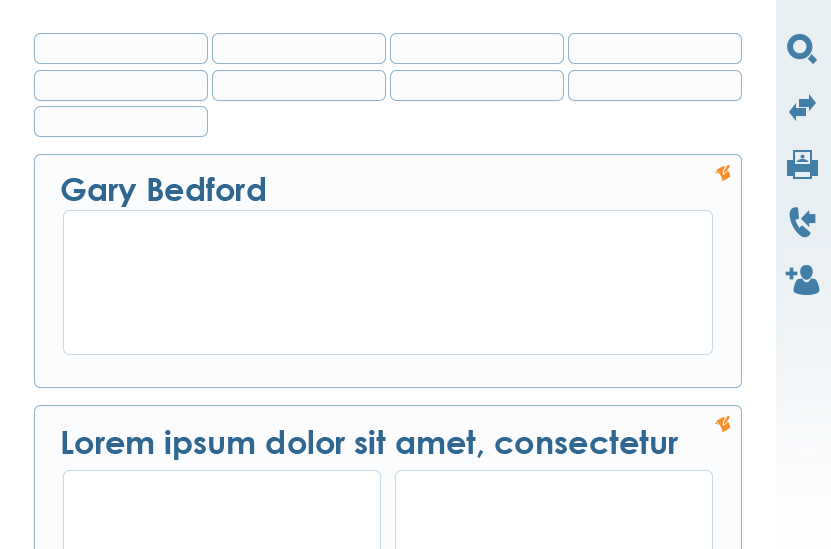
(shown: 1054px)

### Distinguishing characteristics:

A Photoshop comp for the design discussed here is available.

* The file name is: **L2L Responsive Layout COMPRESSED 04.psd**
* The comp lives on the Wiki here under ‘2.0 UI UX’: <http://wiki.realpage.com/x/vxFa> .
* **Smart Alert Feed (SAF)** does not appear
* **Right-Side Nav (RSN)** does not appear
* **Abbreviated Right-Side Expandable Overlay Nav (ARSEON)** appears
* No object wraps

## ABC Wraps – 991px to 831px



A Photoshop comp for the design discussed here is available.

* The file name is: **L2L Responsive Layout ABC WRAPS 01.psd**
* The comp lives on the Wiki here under ‘2.0 UI UX’: <http://wiki.realpage.com/x/vxFa> .

(shown: 831px)

### Distinguishing characteristics:

* **Smart Alert Feed (SAF)** does not appear
* **Right-Side Nav (RSN)** does not appear
* **Abbreviated Right-Side Expandable Overlay Nav (ARSEON)** appears
* The **Action Button Column (ABC)** buttons expand in width from 144 to 174
* The **ABC** wraps into groups of four buttons across with a 4-pixel margin separating them horizontally and a 6-pixel margin separating them vertically
* No other object wraps

## Half-Span Module Content Areas (HSMCA) Wrap – 830px to 1px



A Photoshop comp for the design discussed here is available.

* The file name is: **L2L Responsive Layout HSMCAs WRAP 01.psd**
* The comp lives on the Wiki here under ‘2.0 UI UX’: <http://wiki.realpage.com/x/vxFa> .

(shown: 499px)

This configuration cannot occur if any Full-Span Module Content Areas (FSMCA) appear on the page.

### Distinguishing characteristics:

* **Smart Alert Feed (SAF)** does not appear
* **Right-Side Nav (RSN)** does not appear
* **Abbreviated Right-Side Expandable Overlay Nav (ARSEON)** appears
* The **Action Button Column (ABC)** buttons expand in width to 186px
* The **ABC** wraps into groups of *two* buttons across with a 4-pixel margin separating them horizontally and a 6-pixel margin separating them vertically
* All **Half-Span Module Content Areas (HSMCA)** wrap under one another within the **Standard Modules** containing them. Unless otherwise specified, the rightmost **HSMCA** wraps under the leftmost.
* Any **Standard Modules** that appear (and contain **HSMCA’s**) contract from 708px to 375px

# C:\Users\egloor\AppData\Local\Temp\SNAGHTML6148d40.PNGAbbreviated Right-Side Expandable Overlay Nav (ARSEON)

As described in a previous section, at a screen width of 1054px, the Right-Side Nav disappears and is replaced by the **Abbreviated Right-Side Expandable Overlay Nav (ARSEON)**. This interface mechanism is intended to help accommodate Users viewing **L2L 2.0** screens on iPads and monitors with resolutions of 1024x768 or less. Its description will come in two parts:

A Photoshop comp for the design discussed here is available.

* The file name is: **L2L Responsive Layout COMPRESSED 04.psd**
* The comp lives on the Wiki here under ‘2.0 UI UX’: <http://wiki.realpage.com/x/vxFa>..
* Its characteristics
* Its behavior

## The characteristics of the ARSEON

### Larger icons spaced appropriately

The icons in the **RSN** are 20px in height. The icons in the **ARSEON** are 30px in height. Please refer to the Photoshop comps for exact vertical spacing. It should be noted here that when expanded, the ‘Search’ icon in the **ARSEON** reverts to the same size as that used in the **RSN** – 20px – so that it fits within the ‘Search’ field. Please refer to the [section on Quick Search](#_Quick_Search) in this document. Please also refer to the appropriate Photoshop comps.

### Third in Stack Order

The **ARSEON** overlays everything else on any **L2L 2.0** screen except:

1. The **Property Dropdown (PDD)**
2. The **Single Sign-On Fly-Out (SSOFO)**

### C:\Users\egloor\AppData\Local\Temp\SNAGHTML65de791.PNGAlways translucent

In every state in which it occurs, contracted or expanded, moused over and moused out, onFocus or onClick, the **ARSEON** appears translucent when overlaying screen objects below it in the stack order of any **L2L 2.0** screen.

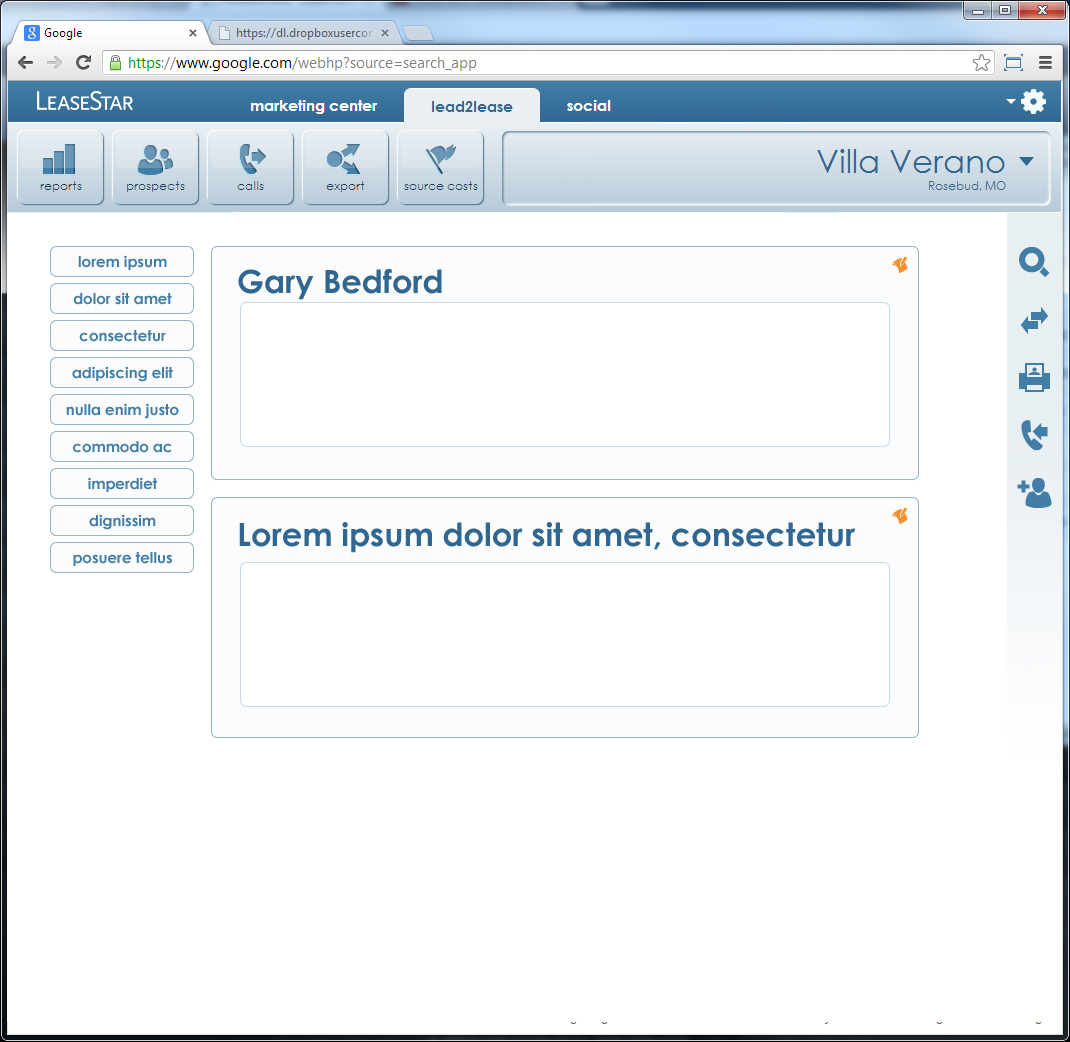
A Photoshop comp for the design discussed here is available.

* The file name is: **ARSEON 06.psd**
* The comp lives on the Wiki here under ‘2.0 UI UX’: <http://wiki.realpage.com/x/vxFa>..

Note translucency. Please refer to Photoshop comps for specifics of opacity/transparency

### Always spans the entire height of the page from top to bottom, whether contracted or expanded

Though the gradient comprising its background fades and blends into the white background of the page (when it doesn’t overlay some other object), the **Abbreviated Right-Side Expandable Overlay Nav (ARSEON)** occupies the entire right edge of any **L2L 2.0** page upon which it is invoked, whether expanded or contracted.



You may not see it, but, it’s there. The ARSEON appears to fade away, but it doesn’t.

### ****Two distinct states****

**The Abbreviated Right-Side Expandable Overlay Nav (ARSEON) has two distinct states:**

1. **Contracted**
2. **Expanded**

|  |  |
| --- | --- |
| **Contracted** | **Expanded** |
| C:\Users\egloor\AppData\Local\Temp\SNAGHTML61b9c1f.PNG | C:\Users\egloor\AppData\Local\Temp\SNAGHTML1284cce.PNG  A Photoshop comp for the design discussed here is available.   * The file name is: **ARSEON 06.psd** * The comp lives on the Wiki here under ‘2.0 UI UX’: <http://wiki.realpage.com/x/vxFa>. * The Layer Comp states relevant to the discussion on this page are as follows:   + **mouseOut** * For more on what Layer Comp states are, please refer to [Appendix I](#Appendix I - Viewing multiple comps in one Photoshop file). |
| Width = 55px | Width = 225px |
| Only icons show | * Icons show * Text link labels show * In the case of ‘Search,’ an input field shows * A ‘Retract ’ panel control icon shows |

## The Behaviors of the Abbreviated Right-Side Expandable Overlay Nav (ARSEON)

All behaviors asscociated with the **ARSEON** were designed to be responsive, unobtrusive and there for the User when they need it.

### Icons and text-link labels on mouseOver

#### Highlighting

* While the **ARSEON** is contracted or expanded, all icons turn orange on mouseOver.
* If the **ARSEON** is expanded, the text-link label turns orange as well.
* If the User mouses over the icon, the text-link label turns orange simultaneously and vice versa.

A Photoshop comp for the design discussed here is available.

* The file name is: **ARSEON 06.psd**
* The comp lives on the Wiki here under ‘2.0 UI UX’: <http://wiki.realpage.com/x/vxFa>.
* The Layer Comp states relevant to the discussion on this page are as follows:
  + **mouseOut**
  + **mouseOver**
* For more on what Layer Comp states are, please refer to [Appendix I](#Appendix I - Viewing multiple comps in one Photoshop file).

|  |  |
| --- | --- |
| **mouseOut** | **mouseOver** |
| C:\Users\egloor\AppData\Local\Temp\SNAGHTML66af5a5.PNG | C:\Users\egloor\AppData\Local\Temp\SNAGHTML66a5a31.PNG |

#### Tool-Tip

A tool-tip shows up on mouseOver when the **ARSEON** is contracted, but not when it is expanded:

|  |  |
| --- | --- |
| **Contracted** | **Expanded** |
| C:\Users\egloor\AppData\Local\Temp\SNAGHTML695a0f2.PNG  new lead | C:\Users\egloor\AppData\Local\Temp\SNAGHTML66a5a31.PNG |

### Expanding and Contracting the Abbreviated Right-Side Expandable Overlay Nav (ARSEON)

The default state of the **ARSEON** is contracted.

#### Expanding the ARSEON

The **ARSEON** expands when either of two things happens:

1. The User mouses over specific regions of the contracted **ARSEON** without clicking.
2. The User clicks the Quick search icon in the contracted **ARSEON.**

|  |  |
| --- | --- |
| **Regions which will cause the ARSEON to expand when moused over:** | **Icons which will cause the ARSEON to expand when clicked:** |
|  |  |

#### Contracting the Abbreviated Right-Side Expandable Overlay Nav (ARSEON)

The **ARSEON** contracts when any one of the following five things happen:

1. The User mouses out of the **ARSEON**.
2. The User enters search criteria into the Search field and hits either the ‘Search’ icon or ‘Enter’ on their keyboard.
3. The User clicks any of the other icons or their associated text-link labels.
4. The User clicks the ‘Retract ’ panel control icon.
5. The User clicks anywhere else on the screen (not shown below)

|  |  |  |  |
| --- | --- | --- | --- |
| **User actions sufficient for the ARSEON to contract from an expanded state …** | | | |
| **The User mouses out of the ARSEON** | **The User enters search criteria in the Search field and hits either the ‘Search’ icon or ‘Enter’ on their keyboard** | **The User clicks any of the other icons or their associated text-link labels** | **The User clicks the ‘Retract ’ panel control icon** |
| C:\Users\egloor\AppData\Local\Temp\SNAGHTML129ef53.PNG | C:\Users\egloor\AppData\Local\Temp\SNAGHTML12cbf10.PNG | C:\Users\egloor\AppData\Local\Temp\SNAGHTML12f0be8.PNG | C:\Users\egloor\AppData\Local\Temp\SNAGHTML129ef53.PNG |

# Appendix I - Viewing multiple comps in one Photoshop file

A recent innovation in Photoshop enables the user to view any Photoshop file in multiple states, making some layers visible and others not. This is useful for sharing comps because it no longer requires the designer to share out a different version of the same file for every view a developer needs to create. All the views exist in one file. To access these separate views, the user need only click the button in the “Layer Comps” panel of Photoshop for the desired comp state. To view this panel, in Photoshop go to Window > Layer Comps.

