# Revisions

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| MOCKUPS FILE | WHAT’S NEW |
| Devices-WIP-1.zip | These are the first UI pieces for being able to represent devices.  New HTML files:   * devices/devicesListForTenant.html * devices/deviceOverview.html * modals/addDevicesModal.html * modals/agentKeyModal.html * modals/changeSiteModal.html * modals/changeSiteResultModal.html * modals/createAgentModal.html   New CSS files:   * elements/icons.less * modules/entitiesList.less * modules/entityOverview.less * NOTES:   + At the bottom of the new entity .less files, I have css bits that should probably be tied to a specific component instead of going in a global style sheet.   + I think I’ve broken out the flexboxes for entityOverview in a way that will work, but let me know if the result does not look the same as the mockup … If it works, next step will be to fill in the VX-specific dashboard component(s).   + I have I think we can eventually move the Account, Tenant, Site stuff over to use the more general entitiesList and enitityOverview styles and delete the older stuff.   + Do we want to rename the “Modules” folder to “Pages”? I had an outdated (Angular JS) notion of modules when we started; seems like the wrong name now.   Changed CSS files:   * Renamed “palette.less” to match “variables.less” in src * Added 2 new green colors (@goodGreen, @okGreen) to variables.less * Added {vertical-align:top;} to .label-and-value-list{ td {}} in tables.less (to keep top alignment when either the label or the value wraps into multiple lines)   New ICONS (img/icons):   * change-site-pelcoBlue.svg * offline-alarmRed.svg * online-goodGreen.svg |

# Workflows

## Get List of Devices under a Tenant

1. User navigates to list of tenants in an account
2. User selects a tenant
3. User clicks on “# Devices” link in “Selected Item” panel

OR

1. User navigates to tenant overview page
2. User clicks on “# Devices” link in “Counts” section
3. System navigates to devicesListForTenant.html

## Get to Page View of Single Device

1. User navigates list of devices under a tenant (see [Get List of Devices under a Tenant](#_See_List_of))
2. User clicks on a Device Name in the table

OR

2. User selects a device by clicking on its row

1. User clicks on Device Name in “Selection” panel
2. System navigates to deviceOverview.html

## Move One or More Devices to a Different Site

1. User navigates to list of devices under a tenant (see [Get List of Devices under a Tenant](#_Get_List_of))
2. User selects one or more devices in the table
3. User clicks “change site” icon in “Selection” panel

OR

2. User clicks on a Device Name in the table

3. System navigates to deviceOverview.html

4. User clicks “change site” icon in “Device Details” section

5. System shows changeSiteModal.html

1. If 1 device is to be moved, system shows its name as modal title and the <select> defaults to its current site.
2. If >1 device is to b emoved, system shows “# Devices” as modal title, and the <select> defaults to “Unassigned” (or whatever we call the site that represents this).
3. User selects a site from dropdown and clicks “Move”.
4. System moves selected devices to the new site.
5. System shows changeSiteResultModal.html.

## Notes/Coming up …

* The modal workflow that happens when a user clicks “Add Devices” when viewing the list of devices for a tenant is still tentative. I went ahead and included these modals in the mockup to give an idea of the direction we’re headed.
* Next step is to fill in dashboard part to deviceOverview.html specifically for a VxCore device type.

# General UI Patterns

## Collapsible/Expandable Toggle

On deviceOverview, the “Device Details” section should have a collapse/expand toggle. When we move account-, tenant-, and site-Overview over to use the more general entityOverview.less file, I would also like to make their “Details” sections collapsible/expandable.

The collapsible/expandable parts of deviceListForTenant should work similarly to the other list tables we already have for accounts, tenants, sites.

## Date Format/Inputs

We had it as a to-do to change all date inputs to text inputs. Placeholder=“YYYY-MM-DD” + pattern validation for user entry.

## Modals

For simplicity and ease of plugging into the Angular app, modals are represented as their own pages in the “Clickable Mockups” included in this zip. In the actual UI, they should obviously be displayed as overlaid on the page from which the user reached the modal.

Clicking outside of the dialog box should not dismiss it. User must click a button in the dialog.

## Loading Spinner

For processes that may take a while (> 1s), such as login or loading the tables on accountsList, tenantsList, and sitesList, a loading spinner should be displayed, preferably centered on the element that is loading or the inputs that have been submitted.

There should be a 500ms delay before showing the spinner, to avoid a flicker of the spinner if the process completes relatively quickly.

The spinner file in this zip is in the img/spinner folder. Currently, CSS transforms on SVG are supposed to be supported on Edge 17+. (Waiting for IT to update my computer to a version of Windows 10 that has Edge 17+, to verify.) Edge 17+ should be fairly well distributed by the time our app becomes publicly available; in case not, we can swap the SVG out for a GIF.

## Table Filter

Table filtering for devicesListForTenant should work similarly to what we already have for accounts, tenants, sites. We can probably support filtering on more than just name, since all device fields should be coming from the server. Let me know if there is something in the mockup we can’t support (will check with server guys about implementation, and can comment it out until it is supported).

## Table Paging

I’ve removed the .jump-to-page input from devicesListForTenants.html, since the server doesn’t currently support this. Pending user input, we may consider alternatives or page jumping later.

## Table Selection

We will need to provide ability to select multiple items on devicesListForTenant.html. There will either be a column of checkboxes or a Select All/Deselect All toggle in the “Selection” panel – will decide shortly; hoping to get some user input on preference.

## Tooltips on Icons

As we get more icons in the UI, remember that almost all icons should have a title= on them to clarify their meaning – e.g., “Change site”, “Online”, “Offline”.