Lightning Messaging Utility

Give your users the right message at the right time!

Setup Guide

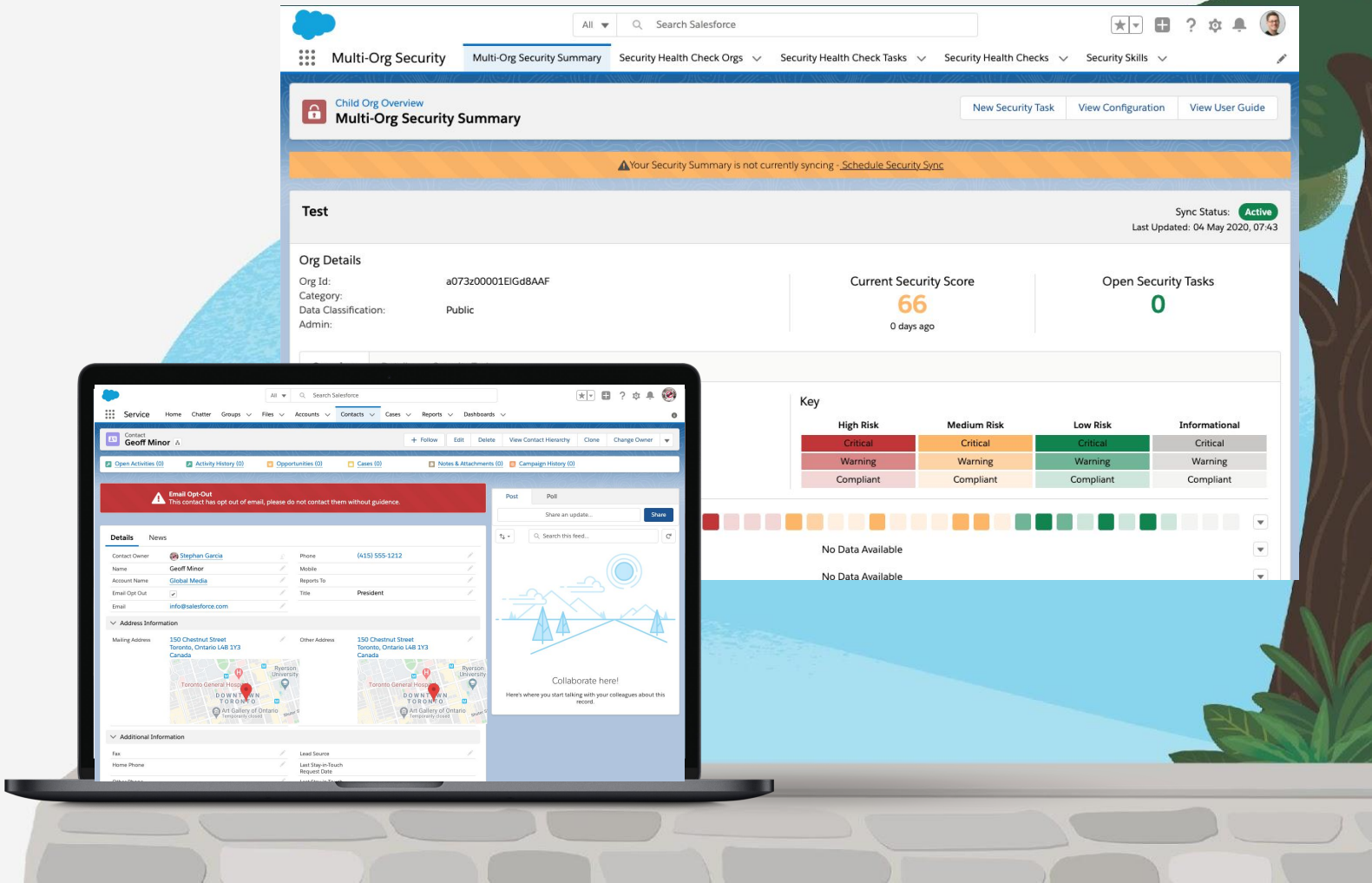
Introducing Lighting Messaging Utility

Simple messaging to keep your users informed

Lightning web component

Fully customizable

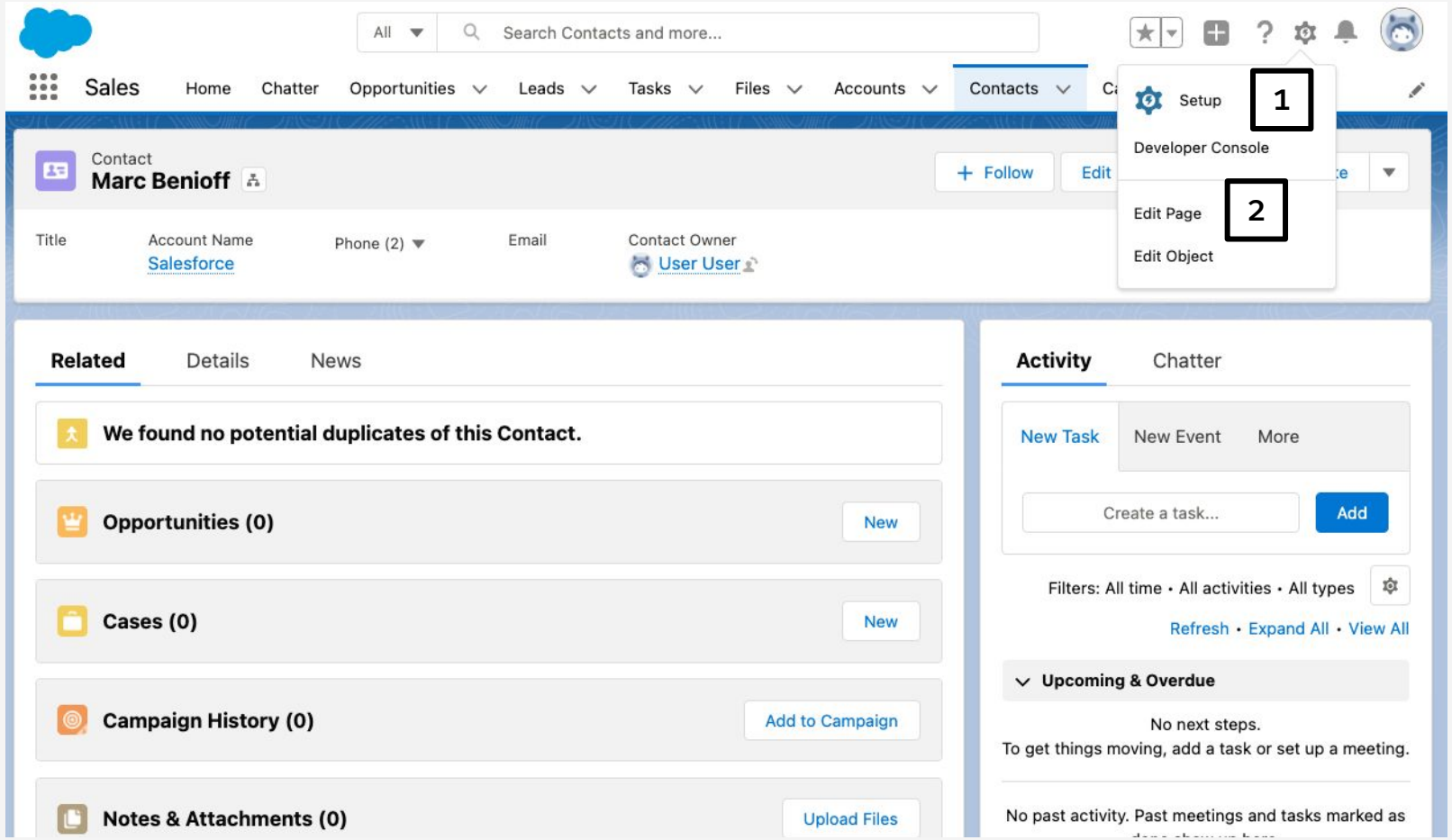
Built for Admins AND Developers



Using Lighting Messaging Utility

Lightning Messaging Utility is a Lighting Web Component that can be used in the Lightning App Builder or Experience Builder.

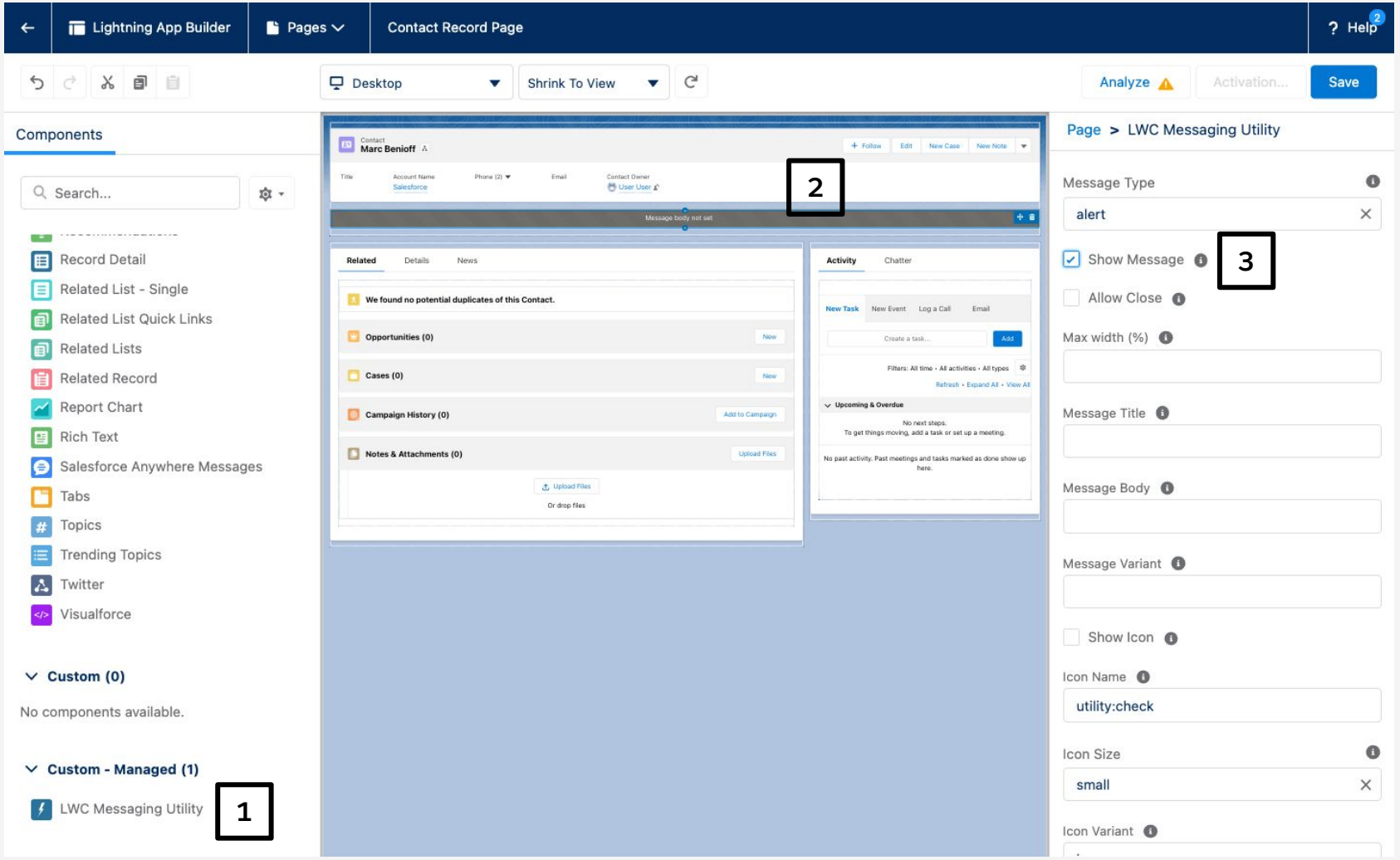
To get Started - you can go onto any record page - and at the top right of the page select the **setup**(1) menu at the top. Then click **Edit Page**(2) lighting app builder.



Using Lighting Messaging Utility

Next - You can drag the **LWC Messaging Utility**(1) from the sidebar onto the page. (2)

From here, you can follow steps in the instructions on how to configure your message.

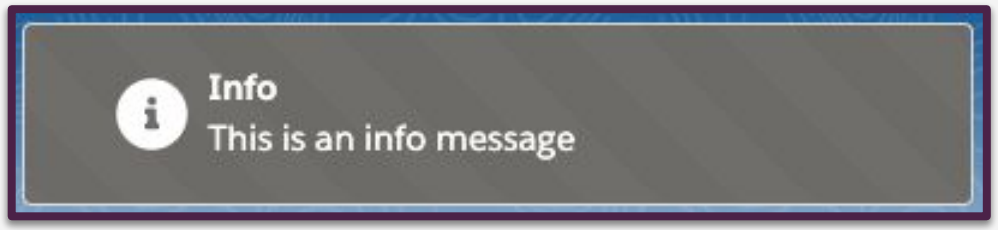


Tip: Set show message to true to show the message in the UI.(3)

4 Available Messaging Types

Alert

Inline Text



Prompt

Illustration

Messaging Types

Alert

Required Attributes

messageType = ‘alert’

messageBody = the message displayed

messageVariant = info, warning, error or offline.

Optional Attributes

showIcon = True or False

iconName = from SLDS - ie. ‘utility:error’

iconSize = the icon size

iconVariant = the icon variant

iconAlternativeText = the alternative text to the icon

https://www.lightningdesignsystem.com/guidelines/messaging/components/alerts/

Messaging Types

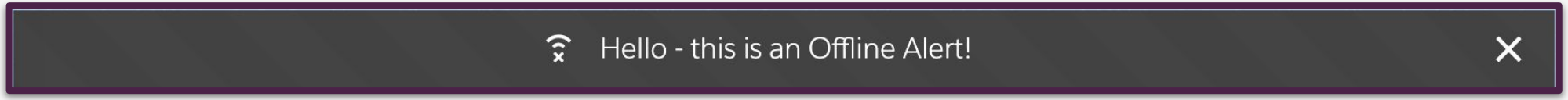
Alert Variants

Message Variant = info

Message Variant = warning

Message Variant = error

Message Variant = offline



Messaging Types

Inline Text

Required Attributes

messageType = ‘inline’

messageTitle = the message title displayed

messageBody = the message displayed

messageVariant = info, warning, error or success.

Optional Attributes

showIcon = True or False

iconName = from SLDS - ie. ‘utility:error’

iconSize = the icon size

iconVariant = the icon variant

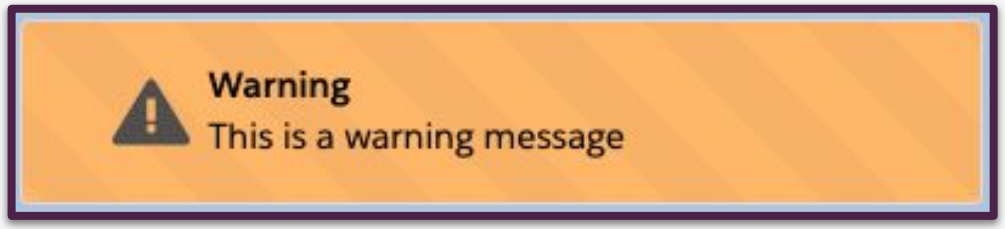
iconAlternativeText = the alternative text to the icon

https://www.lightningdesignsystem.com/guidelines/messaging/components/inline-text/

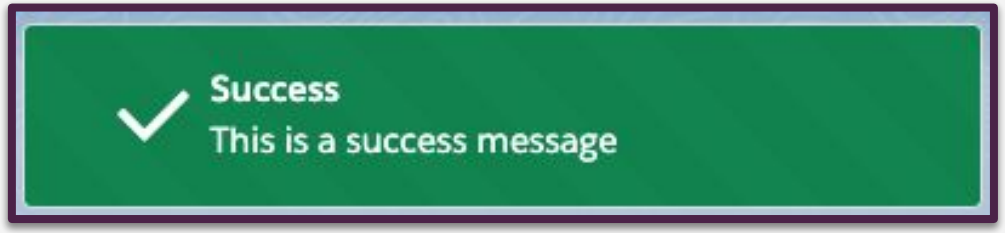
Messaging Types

Inline Text Variants

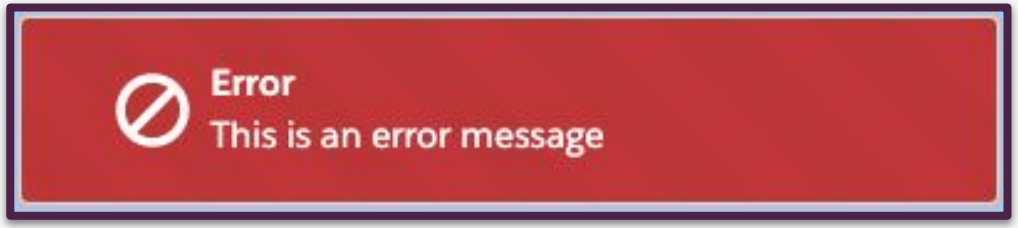
Message Variant = warning



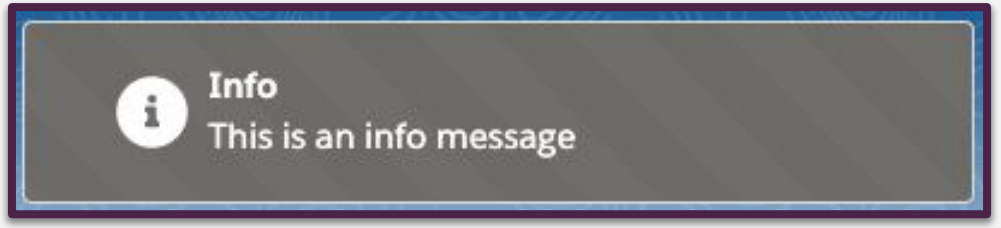
Message Variant = offline



Message Variant = error



Message Variant = info



Messaging Types

Illustration

Required Attributes

illustrationName = The name of the illustration

Optional Attributes

messageTitle = the message title displayed

messageBody = the message displayed

https://www.lightningdesignsystem.com/guidelines/messaging/components/illustrations/

Messaging Types

Illustration Variants

Illustration Name - camping

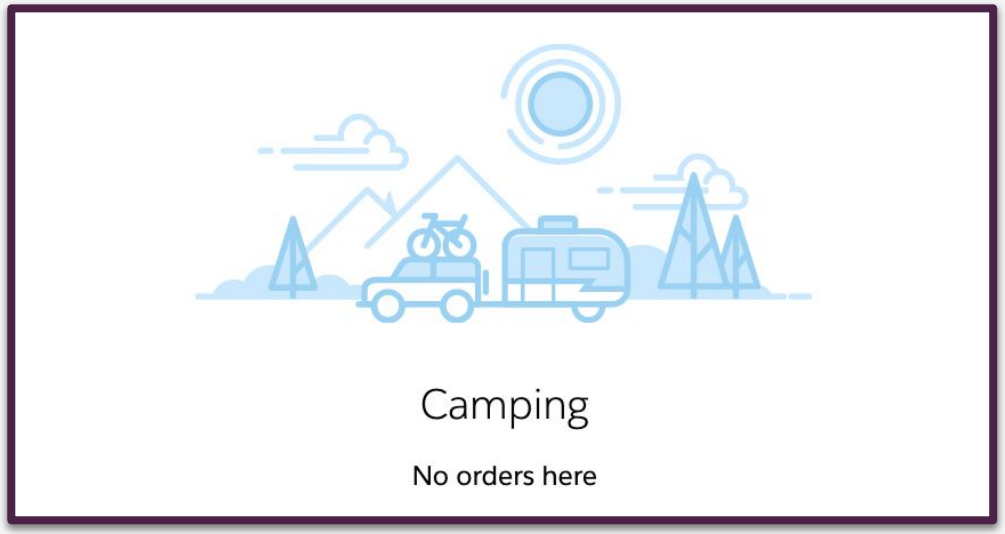


Illustration Name - desert

Messaging Types

Illustration Variants

Illustration Name - camping

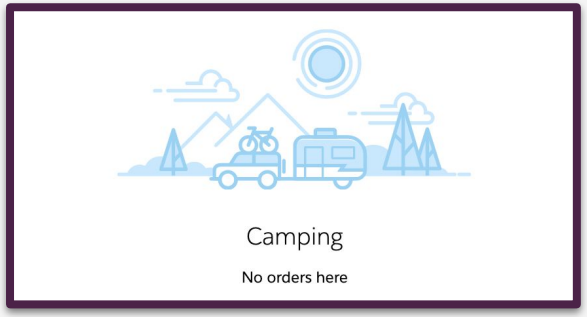


Illustration Name - desert

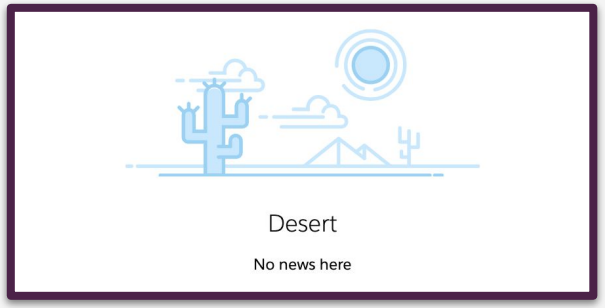


Illustration Name - empty

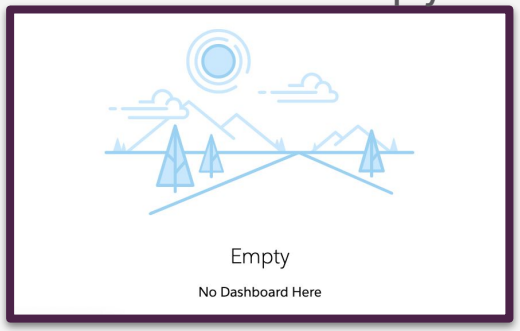


Illustration Name - mountain

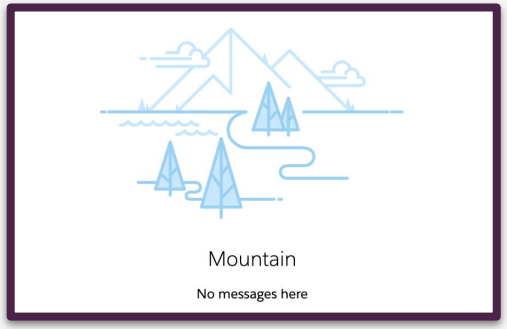


Illustration Name - fishing

Messaging Types

Inline Text Variants

Illustration Name - fishing

Messaging Types

Prompt

Required Attributes

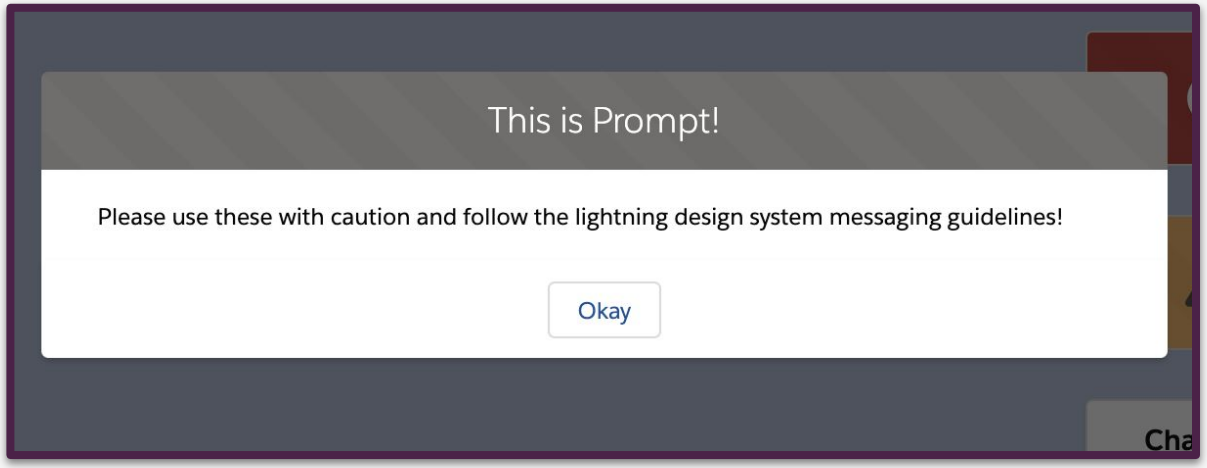
messageType = ‘prompt’

messageTitle = the message title displayed

messageBody = the message displayed

messageVariant = error, info, offline, success, or warning

buttonLabel = the confirmation button label

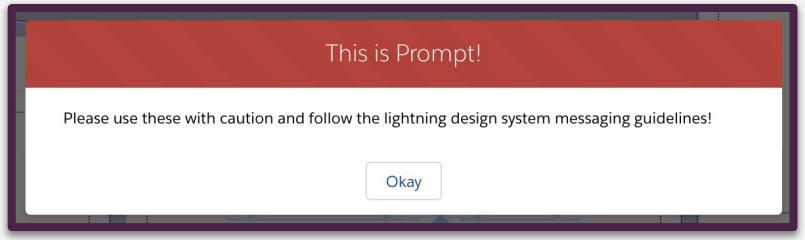


https://www.lightningdesignsystem.com/guidelines/messaging/components/prompt/

Messaging Types

Prompt Variants

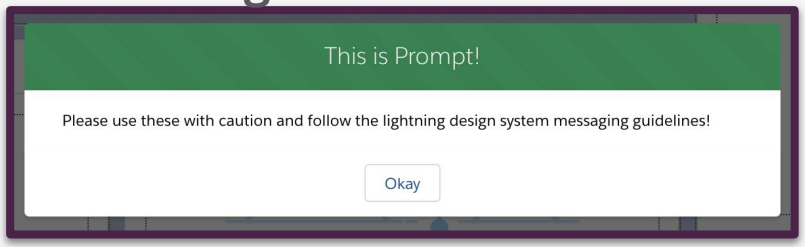
Message Variant = error



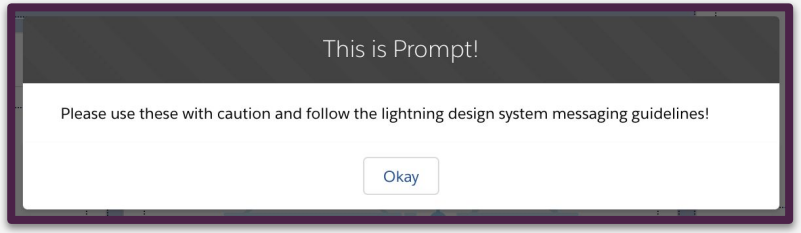
Message Variant = info

Message Variant = offline

Message Variant = success



Message Variant = warning



Parameters

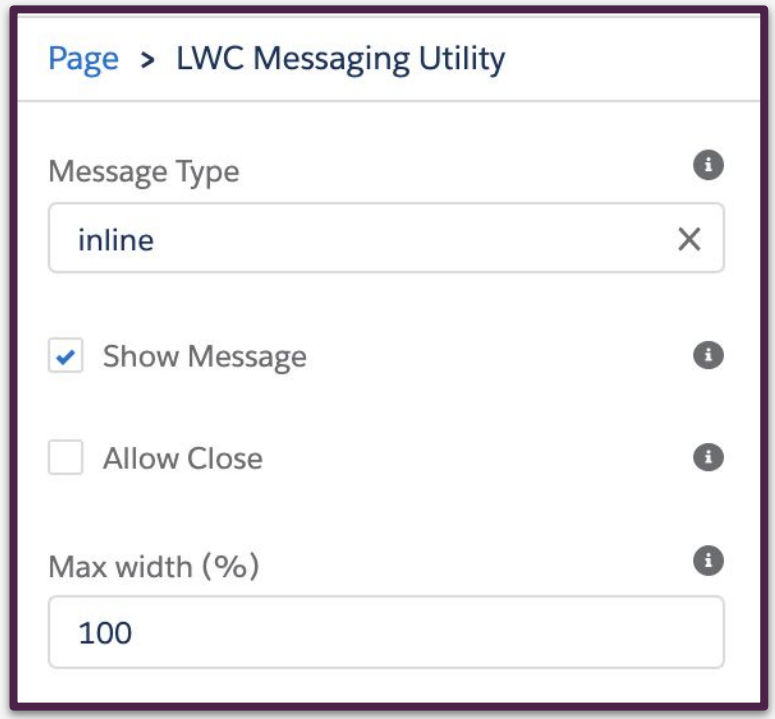
There are a number of options available, but not all required with each message. See message states for details

Message Type: Gives you the ability to define which message type you would like to show

Show Message: This is a boolean that controls the rendering of the component - True will show the component and False will hide it

Allow Close: This allows users to dismiss the message

Max Width(%): Allows you define the max width of the message - this enables you to have dynamic sizing of the messages based on your need



Parameters

Message Title: The title of the message that is shown to the user

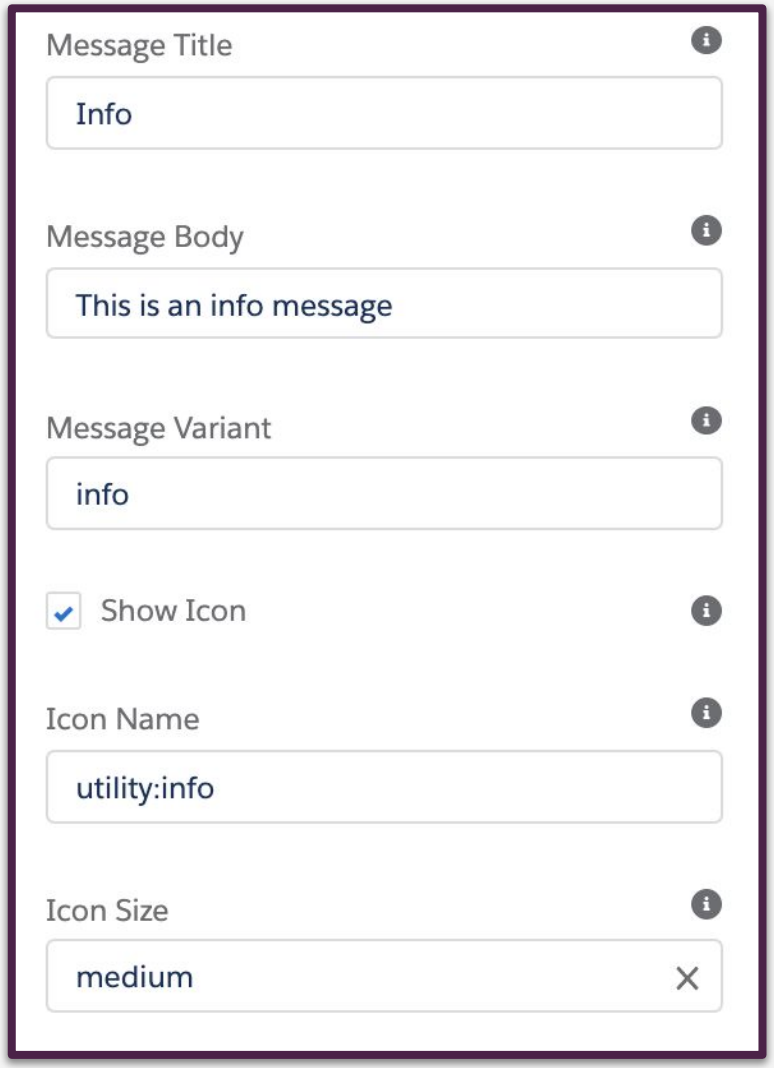
Message Body: The body of the message that you would like to show the user

Message Variant: Enables you to change the coloring and urgency of the message

Show Icon: Gives you the ability to show an Icon in the message

Icon Name: Allows you to specify an Icon for use in the message

Icon Size: Allows you to select the variant of the icon in the message



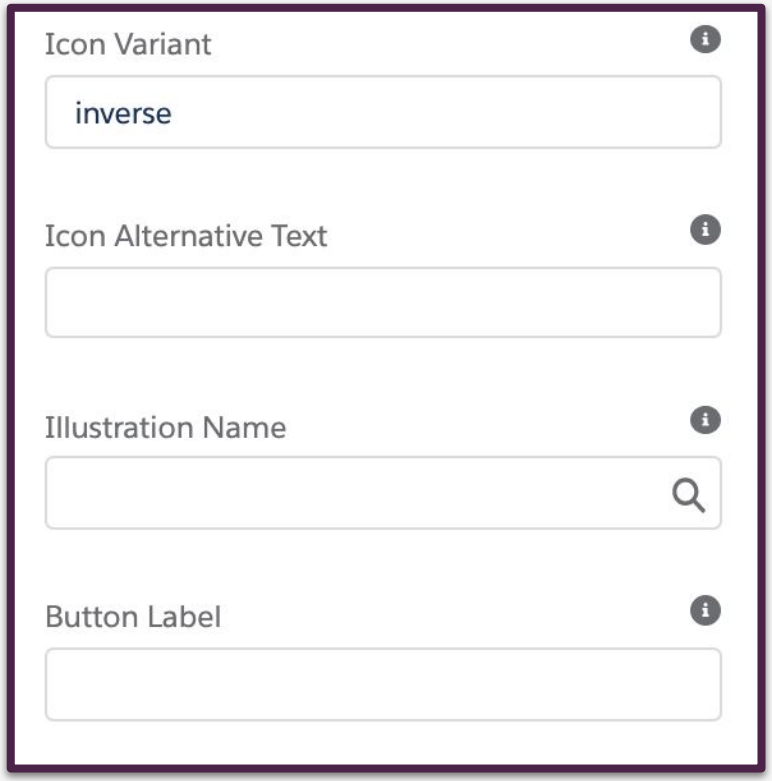
Parameters

Icon Variant: The variant of the icon.

Icon Alternative Text: Describes the icon when unavailable

Illustration Name: lets you select the illustration

Button Label: The label of the prompt confirmation button



Using In your Lighting Web Components

The Lightning Message Helper components can be referenced in your current components, just like base components!

```
<template if:false={account}>
    <c-lwc-messaging-utility illustration-name="desert"
                             message-title="Account Not Found"
                             message-body="You should create one!"
                             max-width="100"
                             showMessage="true">
    </c-lwc-messaging-utility>
</template
```

Using In your Lighting Web Components

Reusable error handling

Use the component to render and display error messages that come back from the server.

```
getDataFromApex() {
    getData({}).then(data => {
        this.data = data;
    }).catch(error => {

        this.showInlineMessage('Error',error.message,'error')

    })
}

showInlineMessage(messageTitle, messageBody, messageVariant){
    this.messageTitle = messageTitle;
    this.messageBody = messageBody;
    this.messageVariant = messageVariant;
    this.showMessage = true;
    this.showIcon = true;
}
```

App Listing Slides

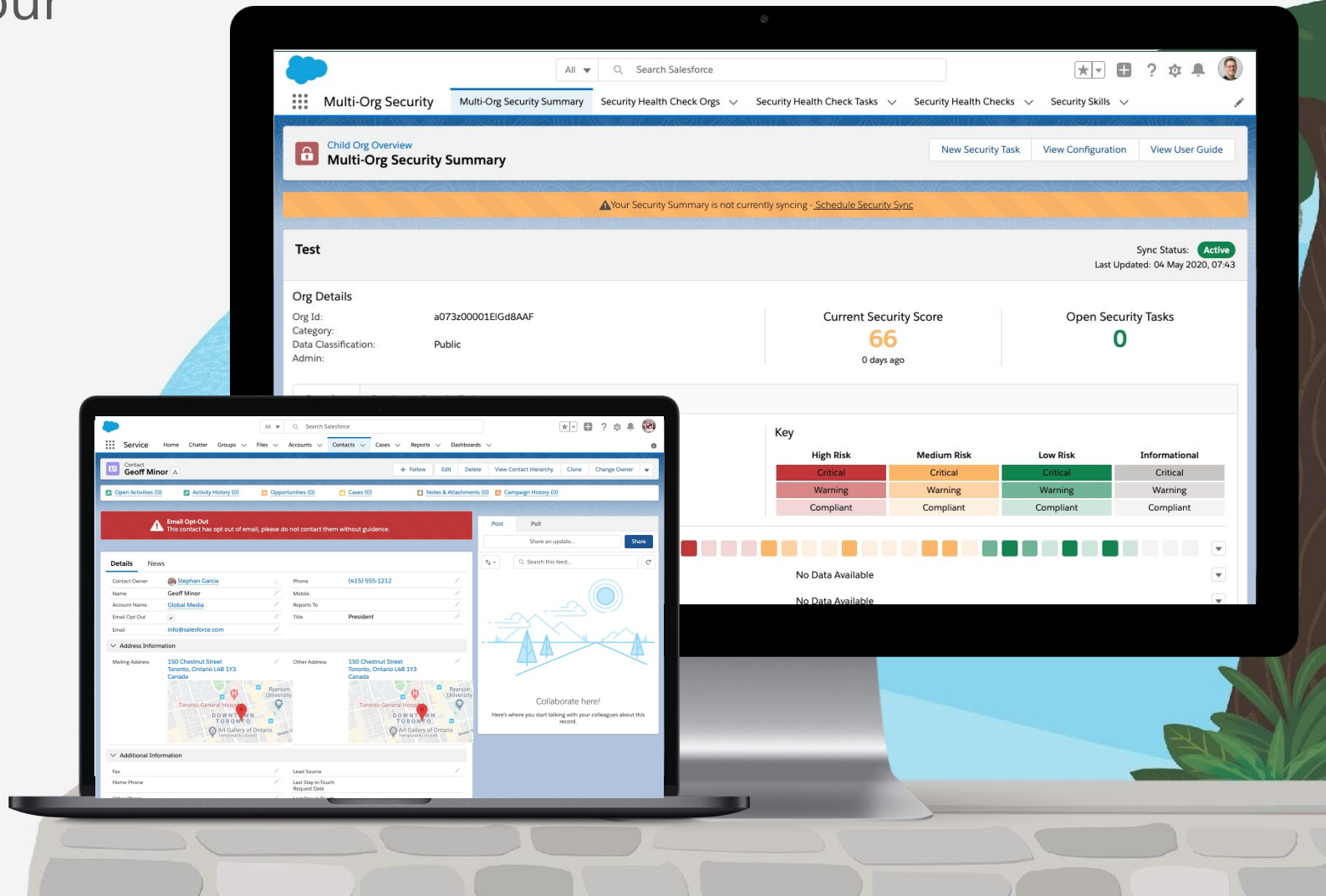
Introducing Lighting Messaging Utility

Simple messaging to keep your users informed

Lightning web component

Fully customizable

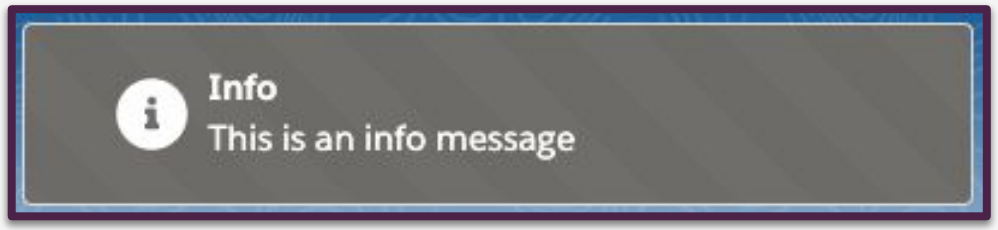
Built for Admins AND Developers



4 Available Messaging Types

Alert

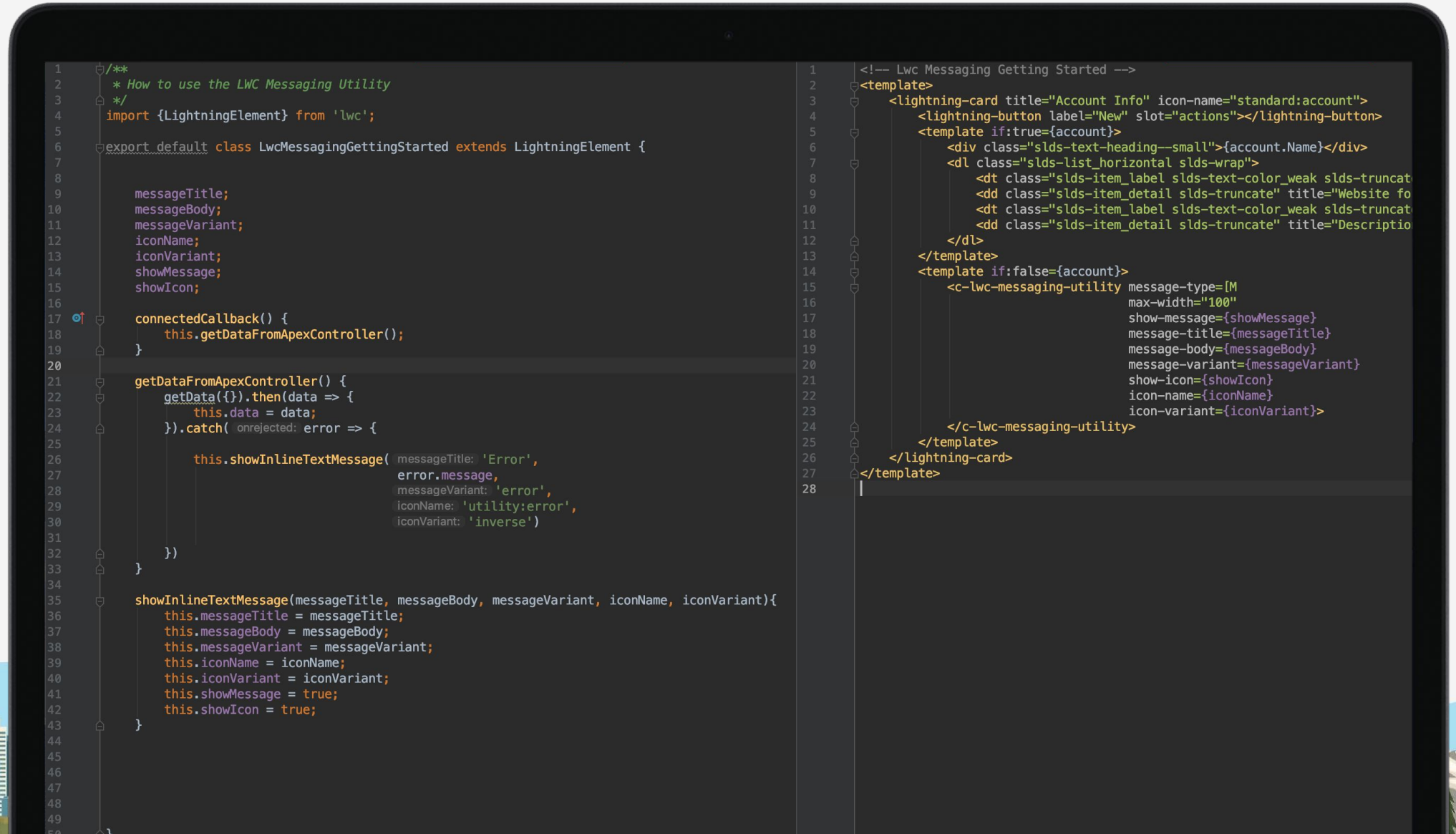
Inline Text



Prompt

Illustration

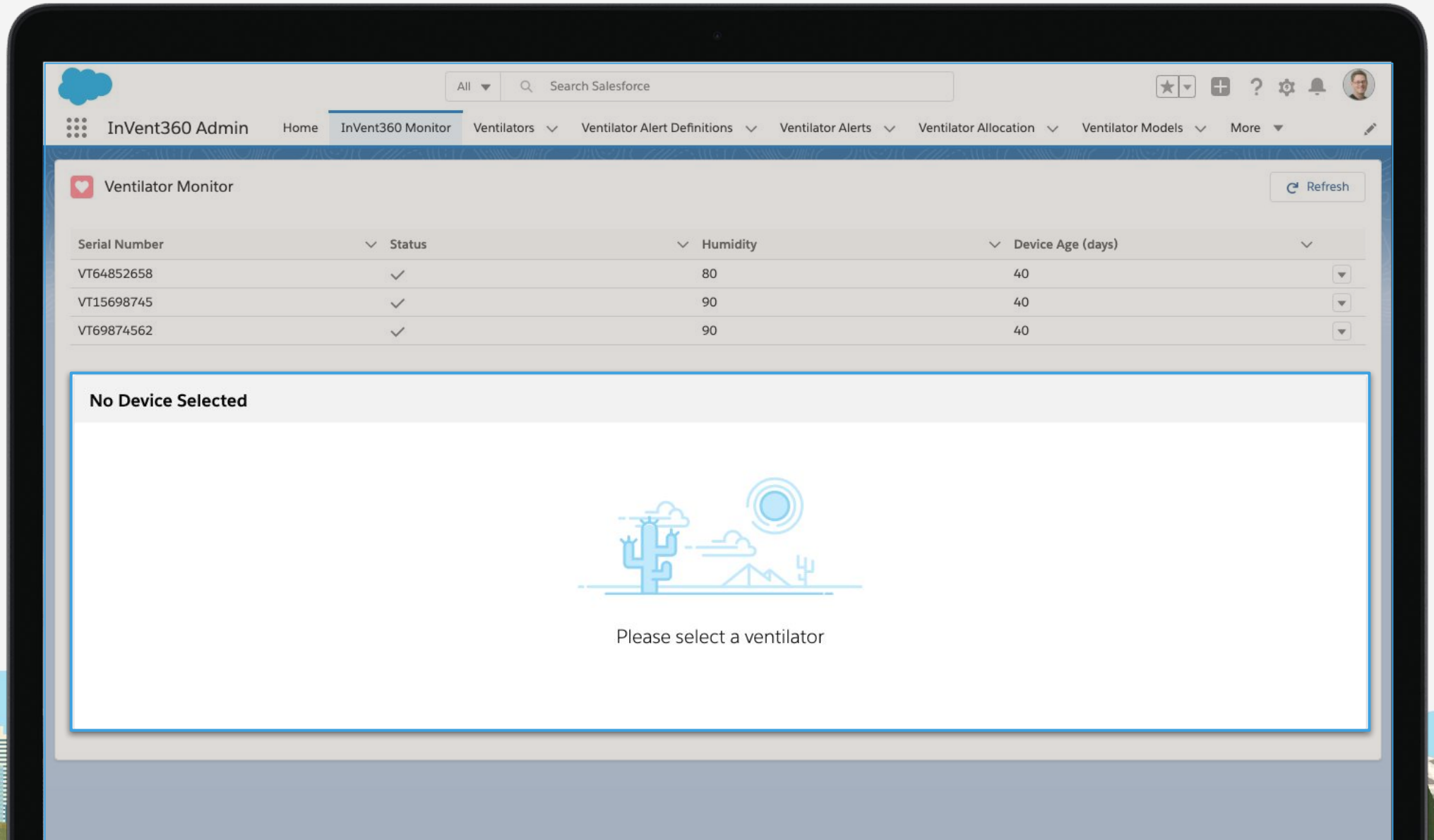
Extend your Lightning Web Components



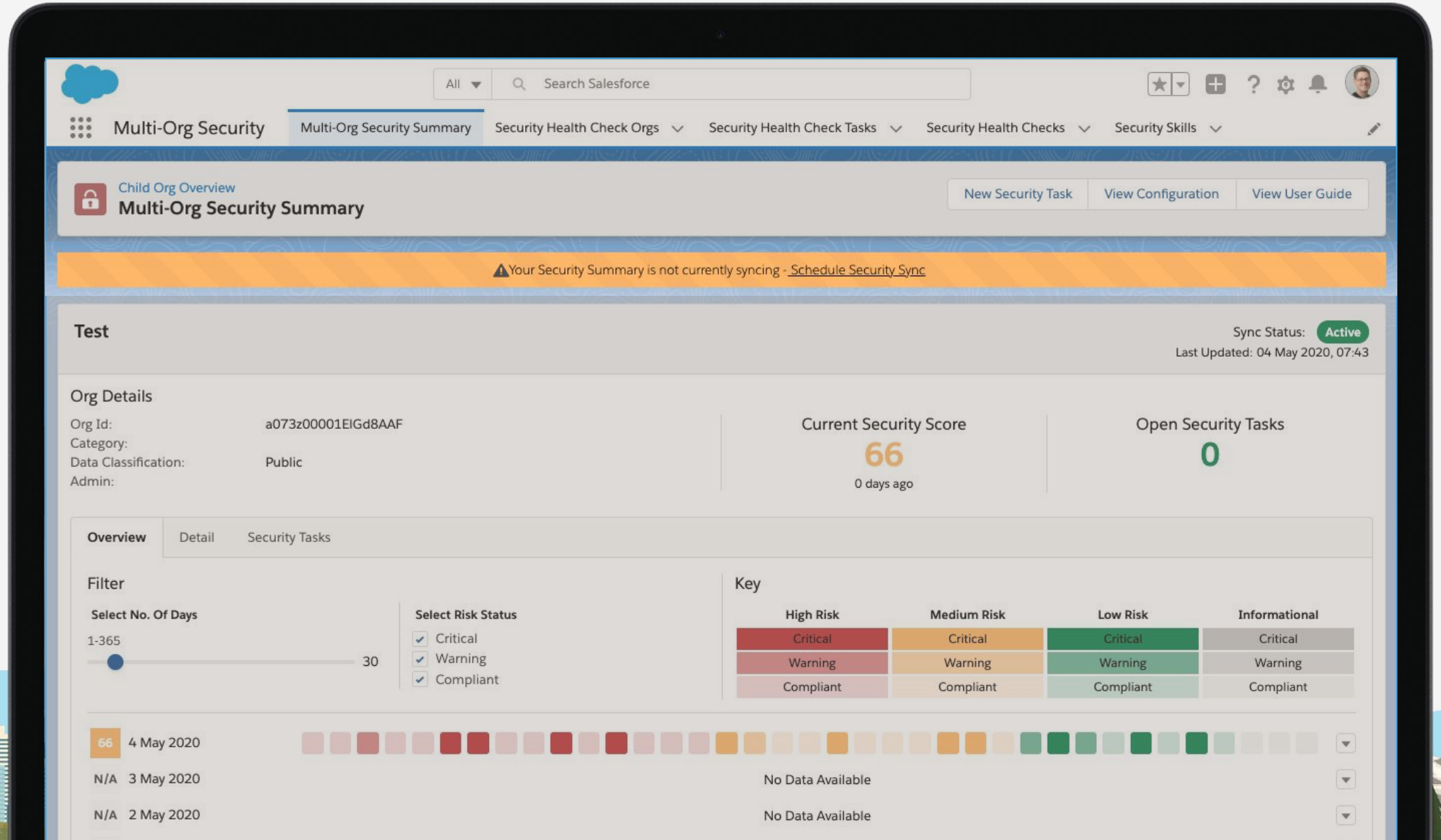
```
/**
 * How to use the LWC Messaging Utility
 */
import {LightningElement} from 'lwc';

export default class LwcMessagingGettingStarted extends LightningElement {


    messageTitle;
    messageBody;
    messageVariant;
    iconName;
    iconVariant;
    showMessage;
    showIcon;

    connectedCallback() {
        this.getDataFromApexController();
    }

    getDataFromApexController() {
        getData({}).then(data => {
            this.data = data;
        }).catch( onrejected: error => {

            this.showInlineTextMessage( messageTitle: 'Error',
                                        error.message,
                                        messageVariant: 'error',
                                        iconName: 'utility:error',
                                        iconVariant: 'inverse')


        })
    }

    showInlineTextMessage(messageTitle, messageBody, messageVariant, iconName, iconVariant){
        this.messageTitle = messageTitle;
        this.messageBody = messageBody;
        this.messageVariant = messageVariant;
        this.iconName = iconName;
        this.iconVariant = iconVariant;
        this.showMessage = true;
        this.showIcon = true;
    }
```

```
<!-- Lwc Messaging Getting Started -->
<template>
    <lightning-card title="Account Info" icon-name="standard:account">
        <lightning-button label="New" slot="actions"></lightning-button>
        <template if:true={account}>
            <div class="slds-text-heading--small">{account.Name}</div>
            <dl class="slds-list_horizontal slds-wrap">
                <dt class="slds-item_label slds-text-color_weak slds-truncat
                <dd class="slds-item_detail slds-truncate" title="Website fo
                <dt class="slds-item_label slds-text-color_weak slds-truncat
                <dd class="slds-item_detail slds-truncate" title="Descriptio
            </dl>
        </template>
        <template if:false={account}>
            <c-lwc-messaging-utility message-type=[M
                                     max-width="100"
                                     show-message={showMessage}
                                     message-title={messageTitle}
                                     message-body={messageBody}
                                     message-variant={messageVariant}
                                     show-icon={showIcon}
                                     icon-name={iconName}
                                     icon-variant={iconVariant}>
            </c-lwc-messaging-utility>
        </template>
    </lightning-card>
</template>
```

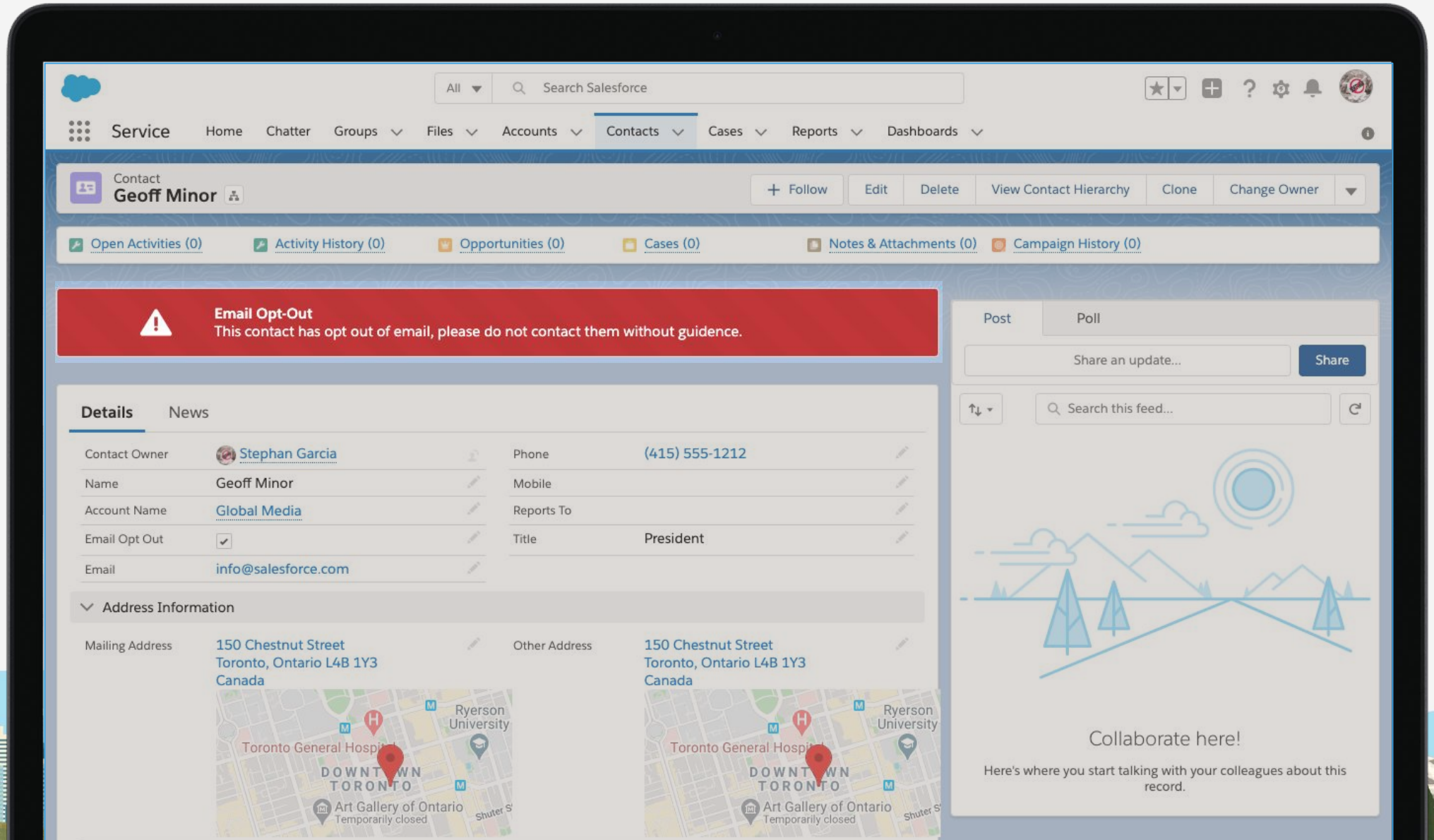
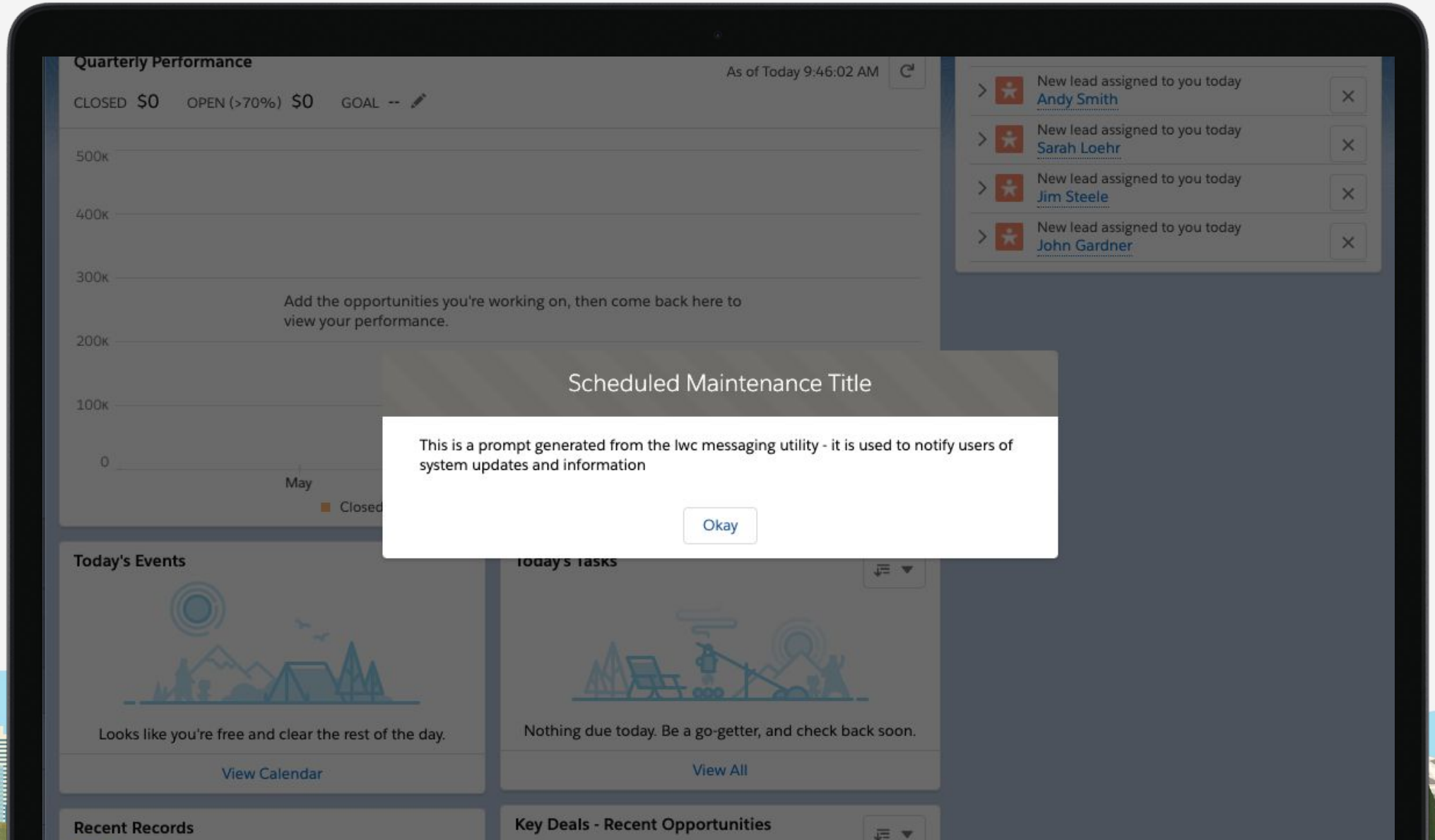
Show Empty State Illustrations when No Data Exists



Show an Alert when a System Feature Needs Addressing



Show Inline Text when you need a Contextual Error



Display a Prompt when there is a System Update