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Gplus Adapter for ServiceNow Administrator's Guide

[Click-to-call feature](#)

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Click-to-call makes outbound calls easier.

The click-to-call feature enables to automatically dial a call when clicking a phone number in ServiceNow.

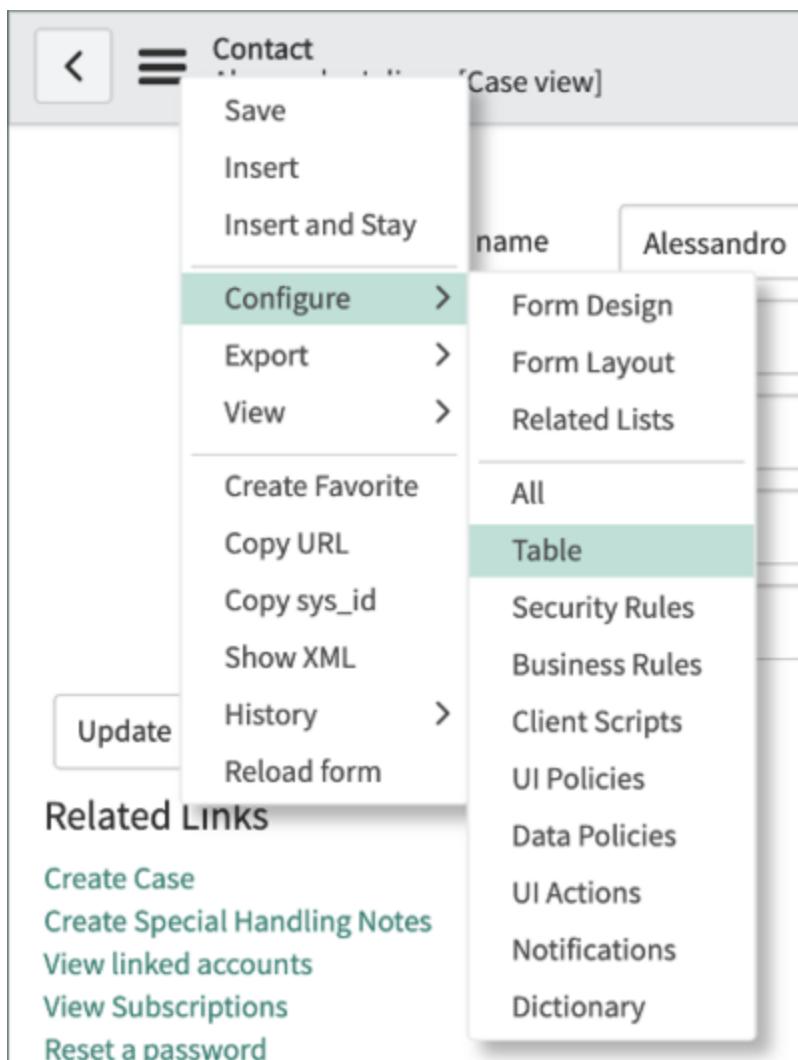
Customize the outbound-call scenario

Unlike screen pop customization, to customize the outbound-call scenario you must handle an additional file:

- **x_sofin_gplus_adap_clicktocall**.

Follow this procedure to configure the click-to-call feature inside ServiceNow:

- Open the **Contact form** and then the **Contact menu**.
- Select **Configure** and click **Table**.



- Search for the phone fields as shown in the image below.

Extends table User

Columns Controls Application Access

Table Columns New Search Type phone

Dictionary Entries > Type Label >= phone

- Select one field among the proposed **phone-number fields**.

 Mobile phone	Phone Number	(empty)
 Home phone	Phone Number	(empty)
 Business phone	Phone Number	(empty)

- Go to **Default Value** and add the following attribute in the related box:

`field_decoration= x_sofin_gplus_adap_clicktocal`

Attributes

`field_decoration=x_sofin_gplus_adap_clicktocal`

Important

If the Attributes box is not visible, select **Advanced view** as shown below.

Choice List Specification Default Value

Displays a list of suggested values in a Choice list. In the Advanced view yo

Choice

Related Links

[Show Table](#)

[Advanced view](#)

Enable the click-to-call feature on reference fields

You now have to configure the Adapter click-to-call feature inside ServiceNow for the lookup/reference field. In fact, by default, ServiceNow provides some macros to enable the click-to-call feature on reference fields as well.

The following macros are available:

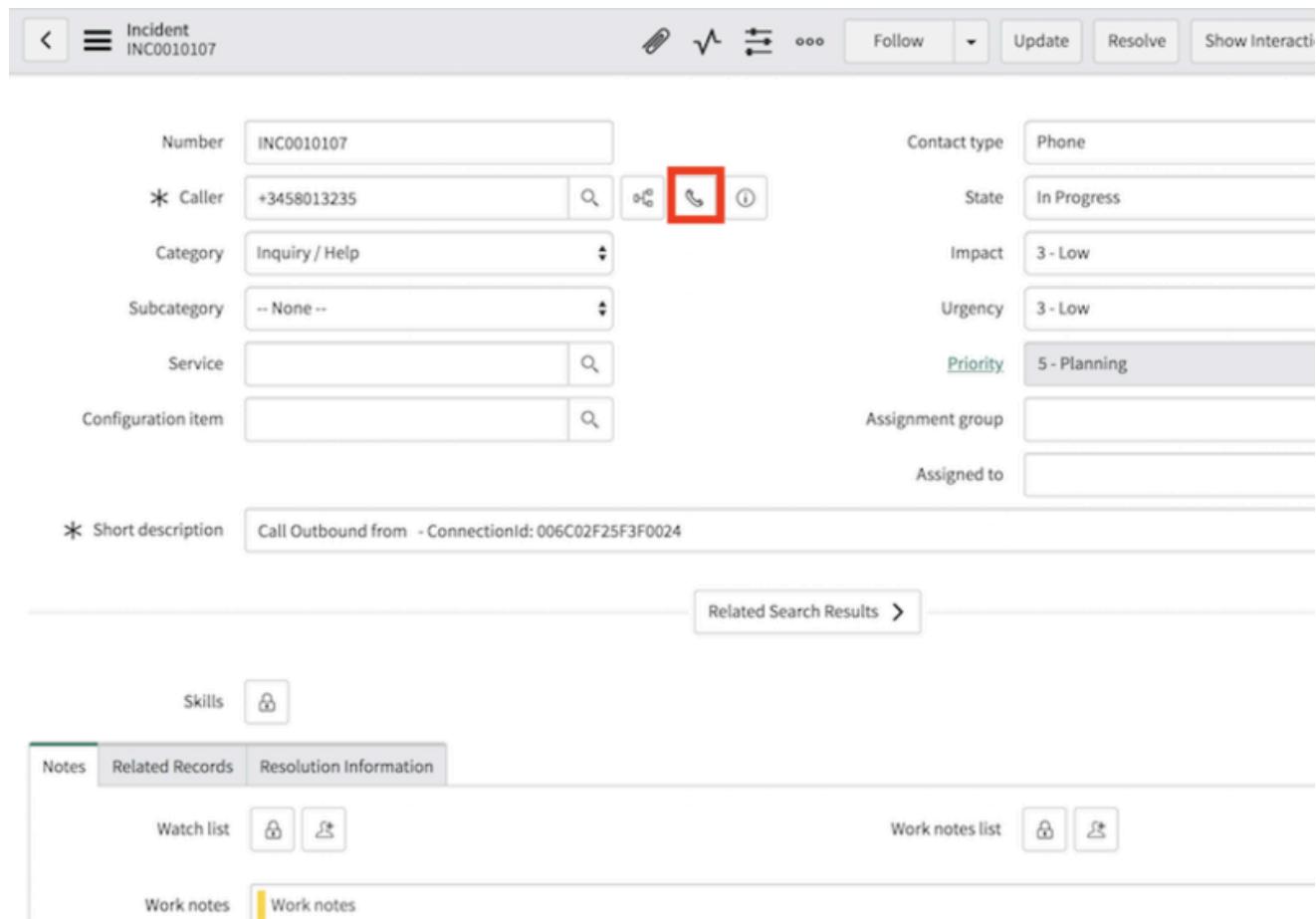
- **show_phone**

- Requires the OpenFrame plugin activation.
- Configure the Unique Interface (UI) macro using the **ref_contribution** parameter to display a phone icon next to the **sys_user** reference field. The icon is only shown if the phone field in the **sys_user** record is populated with a phone number.

- **show_phone_customer_service**

- Requires Customer Service Management and OpenFrame plugins activation.
- Configure the Unique Interface (UI) macro using the **ref_contribution** parameter to display a phone icon next to the Contact **customer_account** reference field in the case form. The icon is only displayed if the phone field in the Contact **customer_account** record is populated with a phone number.

It is possible to enable one of these macros on reference fields (such as **Caller** in an **Incident**, or **Contact** in a **Case**). They will display the phone icon next to the field, as shown below, only if the reference field has at least one telephone number.



The screenshot shows a ServiceNow Incident form for record INC0010107. The form includes fields for Number, Caller, Category, Subcategory, Service, Configuration item, Contact type, State, Impact, Urgency, Priority, Assignment group, and Assigned to. The Caller field contains the value '+3458013235' and has a red box drawn around the phone icon in the reference dropdown. The Contact type field is set to 'Phone'. The State field is 'In Progress'. The Impact field is '3 - Low'. The Urgency field is '3 - Low'. The Priority field is '5 - Planning'. The Assignment group and Assigned to fields are empty. The Short description field contains the text 'Call Outbound from - ConnectionId: 006C02F25F3F0024'. At the bottom, there are tabs for Skills, Notes, Related Records, and Resolution Information, with the Notes tab currently selected. There are also buttons for Watch list, Work notes list, and Work notes.

Important

If you are not able to see the phone icon next to a telephone-number field, make sure you own administrator's privileges.

Clicking the **phone icon**, a list of the Contact's available phone numbers is displayed.

To allow these macros to work with the Adapter and start a call with a click, you first need to edit them. Follow these steps:

- Search for the **show_phone** macro and open it.
- Go to the row named **createInteractionData.opened_for=p.attr('data-caller-id')**.
- Remove the **GlideAjax** section as shown below (adding comments).

```
/*
    var ga = new GlideAjax('global.CTIAjaxUtility');
    ga.addParam('sysparm_name', 'createInteractionWithPropertyCheck');
    ga.addParam('context', JSON.stringify(createInteractionData));
    ga.getXML(function(serverResponse) {
        var result =
serverResponse.responseXML.getElementsByTagName("result");
        var output = JSON.parse(result[0].getAttribute("data"));
        if(output.status == "success"){
            var interaction = {"entity": "interaction", "query"
:"sys_id="+output.fields.interactionSysId, "value":output.fields.number,
"label":"Interaction", "display":false};
            payload.data.data.push(interaction);
        }
        var context = {"payload": payload, "method" :
"openframe_communication" };
        jslog("context with interaction : "+ JSON.stringify(context));
        CustomEvent.fireAll("openframe_request", context);
    });
*/
```

- Replace the previous section with the following snippet:

```
var payload = {"type": "OUTGOING_CALL", "data" : data, "action":"makecall",
"number":p.attr('data-caller-phone'), "attributes": {"ACTIVITY_ID": p.attr('data-task-id'),
"ENTITY_TYPE": p.attr('data-task-table'), "CONTACT_ID":p.attr('data-caller-id')}};
var context = {"payload": payload, "method" : "openframe_communication" };
CustomEvent.fireAll("openframe_request", context);
```

- Click **Save**.

To conclude and enable this, you must associate the macro to **ref_contributions**: open the Incident table, search for **Caller** and insert **ref_contributions=show_phone** or **ref_contributions=show_phone_customer_service** in the Attribute field.