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# Outbound (CX Contact) CX Contact Help

Define the Calling Window (Time Constraints)

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- Administrator

Use **Time Constraint** options to define an acceptable calling window.

### Related documentation:

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This article describes the available time constraint options, and it explains how to enable a safe dialing window.

## Set Time Constraint Options

To set the **Time Constraint** options, go to the **Dialing** tab for the campaign object and check **Constrain Pass Times**.

**Edit Voice Dialing Profile "Sales Strategy"**

General **Dialing** Treatment Compliance Advanced

IVR modes  Off

Dialing Mode Predictive

Optimization Parameter Abandoned Call Rate

Optimization Goal 3 %

Number of ports 300

Engage agents first

Use Small group mode when agents < [ ]

Lines per agent [ ]

**Constrain Pass Times:**

Days to Wait: Choose Days OR Start Date mm / dd / yyyy

Allow Attempts on These Days:  Sun  Mon  Tu  Wed  Thu  Fri  Sat

Timezone Source: Device

Never start before: 8 : 00 AM Local

Always end by: 9 : 00 PM

Duration 13:00

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Now select from the following options:

- Days to Wait - Reserved for future use.
- Allow attempts on these days - Reserved for future use.
- Timezone Source - This defines how CX Contact assigns a timezone to the record. The options are listed in the table below.
- Never start before/Always end by - Specify the earliest possible start time and end time that the system can dial records.

When you define **Never start before** and **Always end by** options, a doughnut chart appears onscreen to display the campaign duration. The doughnut represents a 24-hour window, and the time is formatted as HH:MM.

The **Timezone Source** options are described below.

Timezone Source	Description
<b>Device</b> (Default)	CX Contact uses the device's country code and area code to determine the time zone.
<b>Contact</b>	CX Contact uses the postal code value provided in the customer record.
<b>Contact then Device</b>	CX Contact uses the postal code value. If none is provided, it refers to the Device field.
<b>Contact and Device</b>	The system compares the device's area code and the contact's time zone provided in the record. If there is a time zone mismatch between the two pieces of information, the record will only be dialed during a 'safe' window - meaning the system doesn't start to attempt records until the latest time zone window opens and the system stops all attempts when the earliest time zone window closes. To define this calling window, you must set the Time Constraint options on the Dialing tab for a campaign group to the hours that fall within this safe dialing window and you must use the local time zone option.
<b>Explicit</b>	<p>If you select <b>Explicit</b>, you can specify a time zone in the <b>Choose Timezone</b> menu in the <b>Time Constraints</b> section of the <b>Dialing</b> tab. When you do this, the system applies that time zone to all records in the contact list and ignores all <b>Contact</b> and <b>Device</b> time zone assignments.</p> <div style="border: 1px solid #ccc; background-color: #fff9e6; padding: 5px;"><p><b>Important</b> We do not recommend this option if your contact list contains international numbers or countries with multiple time zones.</p></div>

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## Set a Safe Dialing Window

If a record within a contact list contains more than one time zone (for example a phone number in the US/Eastern time zone and a postal code in the US/Pacific time zone), CX Contact can determine the safest dialing window for that record. A safe dialing window simply means that the system waits until the latest time zone window opens before it starts to attempt records, and it stops attempting records when the earliest time zone window closes.

### Example

#### Scenario:

- A record contains a US/Eastern area code and a US/Pacific postal code.
- The Constrain Pass Times option is enabled.
- Timezone Source is set to Contact and Device.
- The Never start passes before option is set to 8 AM local time.
- The Never end passes by option is set to 9 PM local time.

#### Result:

- The system starts attempting the record at 8 AM US/Pacific time, which is 12 PM US/Eastern time.
- The system stops all attempts at 9 PM US/ Eastern time, which is 5 PM US/Pacific time.

### How to enable

1. Enable (check) **Constrain Pass Times** (this is enabled by default)
2. From the **Timezone Source** menu, select **Contact and Device**.
3. Specify the calling window:
  - Never start before - This is the time that the system begins attempting records.
  - Always end by - This is the time that the system stops attempting records.

The screenshot shows the configuration interface for 'Constrain Pass Times'. The 'Constrain Pass Times' checkbox is checked. Below it, the 'Days to Wait' field is empty. The 'Allow Attempts on These Days' section shows checkboxes for Sun, Mon, Tue, Wed, Thu, Fri, and Sat, all of which are unchecked. The 'Timezone Source' dropdown menu is set to 'Contact And Device'. The 'Never start before' field is set to 8:00 AM, and the 'Always end by' field is set to 9:00 PM. Both time fields have a 'Local' dropdown menu next to them.

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## Related Topics

- [Dialing Modes and IVR Modes](#)