

Introduction

This document provides an overview of the Business Days Calculator for Salesforce package. This solution enables organizations to accurately calculate business days within Salesforce while factoring in holidays and weekends.

The content in this guide focuses on the business logic behind how business days are defined, a summary of the solution's capabilities, and a list of included components. It is intended to help admins and developers understand how the package works and how it fits into broader Salesforce processes.

By reviewing this document, users will gain a clear understanding of the assumptions behind business day calculations and how the included components support reporting, automation, and integration across Salesforce.

Package

The Business Days Calculator for Salesforce package follows specific rules when determining business days. Understanding these assumptions ensures accurate calculations and seamless integration into your processes.

- **Business Day Definition:** A business day is any weekday (Monday–Friday) that is not a holiday. Holidays are determined by the entries configured in the Holidays object within Salesforce Setup.
- **Inclusion of Today:** All business day calculations include today if it is a valid business day (i.e., not a weekend or a defined holiday).
- **Holidays Configuration:** The accuracy of calculations depends on maintaining an up-to-date list of holidays in the Salesforce Holidays object. The holidays that are entered in Salesforce cannot be set as 'Recurring'

By keeping these considerations in mind, organizations can ensure reliable business day calculations for reporting and automation.

Solution Summary

Business Days Calculator for Salesforce

1. **Calculates Business Days:** Provides an autolaunched flow that calculates business days while factoring in weekends and holidays defined in Salesforce.
2. **Stores Pre-Calculated Values:** Saves business day counts for key timeframes (e.g., current month, quarter, year) in a custom setting for easy reference in reports and automation.
3. **Integrates Seamlessly:** Can be invoked from any custom flow or automation, ensuring flexibility within Salesforce processes.

Calculate Business Days Autolaunched Flow

The Calculate Business Days autolaunched flow is the core engine behind the Business Days Calculator for Salesforce package. It performs different types of business day calculations based on the inputs it receives. The flow can be used in three primary ways:

Scheduled Execution for Pre-Calculated Timeframes

When invoked without any input variables, the flow calculates business days for common timeframes and stores the results in a custom setting called Business Days.

Key Timeframes Calculated:

- Current Month: Total Business Days, Remaining Business Days
- Current Quarter: Total Business Days, Remaining Business Days
- Current Year: Total Business Days, Remaining Business Days
- Next Month: Total Business Days
- Next 6 Weeks: Total Business Days

Typical Use Case:

Add the Calculate Business Days flow as a subflow in a scheduled flow configured to run daily. This ensures values in the Business Days custom setting remain accurate as dates progress. These values can then be accessed using formula fields and used in reports or automations.

Calculating Business Days Between Two Dates

When the flow is called with a Start Date and End Date, it calculates the number of business days between the two.

Logic Details:

- Weekends and holidays (as defined in Salesforce Setup → Holidays) are excluded.
- Both the Start Date and End Date are included in the count if they are valid business days.

- The result is returned in a flow variable.

Typical Use Case:

Call this flow from another flow or Apex to support use cases such as SLA tracking, contract cycle calculations, or task scheduling.

Adding Business Days to a Date

When the flow is called with a Start Date and a Number of Business Days to Add, it returns an End Date that is the result of skipping non-business days.

Logic Details:

- Weekends and holidays are excluded from the count.
- The resulting End Date is the first valid business day after the specified number has been added.
- The output is returned in a flow variable.

Typical Use Case:

Use this mode to schedule follow-up dates, set due dates, or plan project milestones with business-day accuracy.

Package Dependencies

None

Business Days Calculator for Salesforce Components

Flow

Name	Description
Calculate Business Days	Calculates business days based on input parameters or updates the fields in the Business Days custom setting

Custom Setting

Name	Description
Business Days	Custom setting that stores all business day timeframe values calculated by the Calculate Business Days flow

Business Days Custom Setting Fields

Name	Data Type
7 Business Days Ago	Date
Month: Remaining Business Days	Number
Month: Total Business Days	Number
Next 6 Weeks: Total Business Days	Number
Next Month: Total Business Days	Number
Quarter: Remaining Business Days	Number
Quarter: Total Business Days	Number
Year: Remaining Business Days	Number
Year: Total Business Days	Number