

Application Note



Date: December 16th, 2019
Subject: Mobile - Global Schedule Imports
Host: Dillard's

SAI has developed a method to import exception schedules into ControlIQ from an Excel file (xls, xlsx, csv, txt) through Mobile.ControlIQ.Com.

It allows the user to Drag and Drop a spreadsheet file onto the form or 'Choose a file' to select a file. The file size must be less than 50KB (this will hold about 2000 records). All edits to the data must be completed in the spreadsheet prior to importing. If the spreadsheet contains multiple sheets, only the 1st sheet is imported. An email will be sent following the import that provides the details.

The import will not add rows in the database if there is an existing exact match. Imports can be made multiple times or have duplicate rows without increasing the database.

All imported data can be seen/edited from the other areas in Mobile.ControlIQ.Com (Schedules, Global Schedules, Global Schedules Delete).

If the store is entered as 234, for example, but actually has multiple stores in that area (234N, 234S), the schedule will be to applied for all stores that match 234 (as if this was 234*). The following conditions apply for the import:

- There must be a header row with the column names
- There must be a column called 'Store*' or 'Locat*' (Store #, Location)
Store values must be at least 3 characters (214, S214)
- There must be a column called '*Date' (Date, Starting Date)
- There must be a column called 'On*' (On, On Time)
- There must be a column called 'Off*' (Off, Off Time)
On/Off Times must be in Military format (0000-2400)
On Time must be Less than or equal to Off Time
DUSK and DAWN are acceptable entries for On / Off Times
The import will attempt to correct the On / Off format. 0 Or 100 will become 0000 or 0100. 01:00 or 18:00 will become 0100 or 1800.
- There must be a column called '*Type' (Type, Schedule Type)
This column must contain 'Store', 'Inventory', 'Generator', 'Signs' or 'Landscape'
Only the first 3 character are significant. For example 'Inv' = Inventory
- There can be an optional column '*Days' (Days, NumberOfDays, Number of Days). If there is not a 'Days' column then NumberOfDays=1
- There may be an optional column '*Midnight' (Midnight, Through Midnight).
If 'Y' (Y*, True) is in this column, the import will create the schedule going through midnight and end on the following day.

Any other columns will show on the mobile screen but will be ignored in the import. We 'recommend' as few columns as possible to avoid confusion.

Examples are provide below.



The image shows a web interface for importing schedules. At the top left is a logo with the letters 'IQ' inside a blue rounded square. To its right is the title 'CIQ Global Schedules Import'. Below the title is a large dashed rectangular box containing the text 'Drop a spreadsheet file here with schedules data'. Underneath this box is a blue button labeled 'Choose a file' followed by a link that says '← or click here to select a file'. At the bottom of the interface are two buttons: a grey one labeled 'Submit Schedules' and a blue one labeled 'Global Schedule Imports Help'.

Some Examples:

STORE #	Starting Date	On Time	Off Time	Schedule Type
201	1/19/2020	1200	2400	Inventory
201	1/20/2020	0000	2100	Inventory
203	1/19/2020	1200	2400	Inventory
203	1/20/2020	0000	2100	Inventory
204	1/12/2020	1200	2400	Inventory
204	1/13/2020	0000	2100	Inventory
205	1/23/2020	1000	2400	Inventory

STORE #	Starting Date	On Time	Off Time	Schedule Type	Midnight
201	1/19/2020	1200	2100	Inventory	Y
203	1/19/2020	1200	2100	Inventory	Y
204	1/12/2020	1200	2100	Inventory	Y
205	1/23/2020	1000	2100	Inventory	Y
206	1/26/2020	1200	2100	Inventory	Y
207	1/3/2020	1000	2100	Inventory	Y
208	1/17/2020	1000	2100	Inventory	Y
209	1/4/2020	1000	1800	Inventory	Y
210	1/11/2020	1000	1800	Inventory	Y
213	1/24/2020	1000	2100	Inventory	Y
214	1/6/2020	1000	2100	Inventory	Y

STORE #	Starting Date	On Time	Off Time	Schedule Type	Midnight
201	1/19/2020	1200	2100	Inventory	Y
203	1/19/2020	1200	2100	Inventory	Y
204	1/12/2020	1200	2100	Inventory	Y
205	1/23/2020	1000	2100	Inventory	Y
206	1/26/2020	1200	2100	Inventory	Y
207	1/3/2020	1000	2100	Store	N
208	1/17/2020	1000	2100	Store	N
209	1/4/2020	1000	1800	Store	N
210	1/11/2020	1000	1800	Inventory	Y
213	1/24/2020	1000	2100	Inventory	Y
214	1/6/2020	1000	2100	Inventory	Y
215	1/4/2020	1000	1800	Inventory	Y
216	1/26/2020	1200	2100	Inventory	Y

STORE #	Starting Date	On Time	Off Time	Schedule Type	Midnight	Number Of Days
201	1/19/2020	1200	2100	Inventory	Y	1
203	1/19/2020	1200	2100	Inventory	Y	1
204	1/12/2020	1200	2100	Inventory	Y	1
205	1/23/2020	1000	2100	Inventory	Y	1
206	1/26/2020	1200	2100	Inventory	Y	1
207	1/3/2020	Dusk	Dawn	Signs	Y	1
208	1/17/2020	Dusk	Dawn	Signs	Y	1
209	1/4/2020	Dusk	Dawn	Signs	Y	1
210	1/11/2020	1000	1800	Inventory	Y	1
213	1/24/2020	1000	2100	Inventory	Y	1
214	1/6/2020	1000	2100	Inventory	Y	1
215	1/4/2020	1000	1800	Inventory	Y	1
216	1/26/2020	1200	2100	Inventory	Y	1
218	1/25/2020	1000	1800	Inventory	Y	1
221	1/20/2020	1000	2100	Inventory	Y	1
222	1/18/2020	1000	1800	Inventory	Y	1
224	1/18/2020	1000	1800	Inventory	Y	1

STORE #	Starting Date	On Time	Off Time	Schedule Type	Midnight	Number Of Days
201	11/28/2019	0000	0000	Store	N	1
201	11/29/2019	0700	2100	Store	N	1
201	11/30/2019	0700	2100	Store	N	1
201	12/25/2019	0000	0000	Store	N	1
201	12/26/2019	700	2100	Store	N	1
201	12/19/2019	Dusk	Dawn	Signs	Y	1
201	1/1/2020	0000	0000	Store	N	1
201	1/11/2020	1000	1800	Inventory	Y	1
202	11/28/2019	0000	0000	Store	N	1
202	11/29/2019	0700	2100	Store	N	1
202	11/30/2019	0700	2100	Store	N	1
202	12/25/2019	0000	0000	Store	N	1
202	12/26/2019	700	2100	Store	N	1
202	12/19/2019	Dusk	Dawn	Signs	Y	1
202	1/1/2020	0000	0000	Store	N	6
202	1/17/2020	1000	2100	Inventory	Y	1
203	11/28/2019	0000	0000	Store	N	1
203	11/29/2019	0700	2100	Store	N	1
203	11/30/2019	0700	2100	Store	N	1