

Setting Up an Intelligent Program



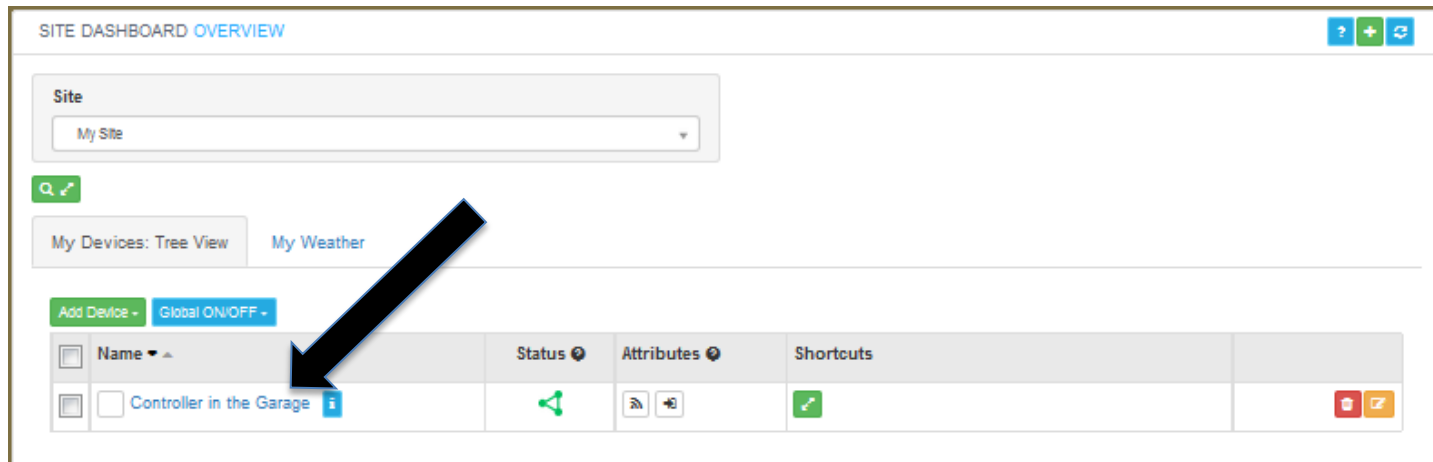
Setting Up an Intelligent Program

NOTE: YOU MUST CALL CUSTOMER SERVICE TO ACCESS THE INTELLIGENT PROGRAMMING FEATURE

CALL TOLL FREE 1-866-474-4628

Setting Up an Intelligent Program

Step 1:

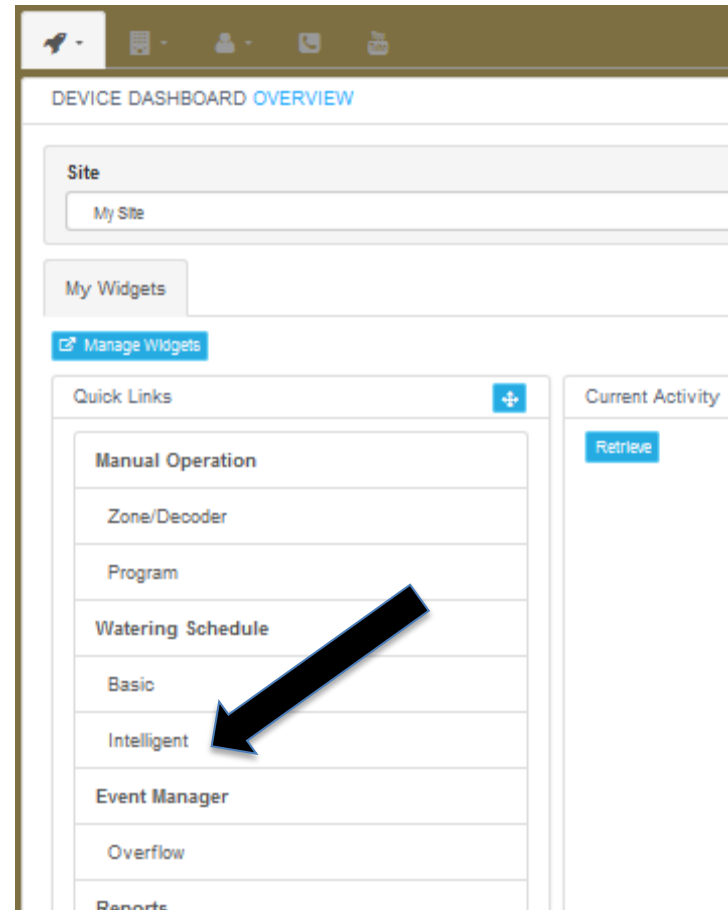


Click on your controller from the “Site Dashboard” page

Setting Up an Intelligent Program

Step 2:

Click on “Intelligent” in the drop down menu.



Step 3:

Create a name for your Intelligent Watering Profile. This is a “master” program capable of running multiple “sub” Intelligent programs.

Click in the “Name/Description” field and type in the name of the profile.

WATERING SCHEDULE OVERVIEW

Site: My Site

Device: Controller In the Garage [Online]

Basic Intelligent

Profile: 1)

Database

Changes will take effect 23 hours after the successful download of this profile, if no successful download found changes will take effect immediately

Name/Description: Intelligent Watering Profile

State: ☒ ON ☐ OFF

Program (Select All/Deselect All)

Zone/Decoder (Select All/Deselect All)

Intelligent Irrigation requires Microclimate Settings

Watering Schedule

Mode: Monthly

Month: March 2016

Budget: 100 %

Select All

Deselect All

Odd

Even

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Setting Up an Intelligent Program

Step 4:

Assign a program

Click in the “Program Field” and select an existing program or the letter of an unused program allotment to use as an intelligent program.

Home / Manage Devices / Watering Schedule

WATERING SCHEDULE OVERVIEW

Site: My Site Device: Controller in the Garage (Online)

Basic Intelligent

Profile: 1)

Database

Changes will take effect 23 hours after the most recent successful download of this profile. If no successful download found changes will take effect immediately

Name/Description: Intelligent Watering Profile Mode: Monthly

State: ☒ ON ☐ OFF

Program (Select All/Deselect All)

- A) Basic Program for Grass
- B) Shrubs
- C)
- D)
- E)
- F)
- G)
- H)
- I)

Budget: 100 %

Month: March 2018

Calendar view showing days of the week (Su, Mo, Tu, We, Th, Fr, Sa) and dates (1-31).

Buttons: Select All, Deselect All, On, Off, Save

Note: A pre-existing program will be overwritten if selected and converted to an intelligent program. Basic and intelligent programs can run concurrently. Pause a basic program if you do not want it to continue operating while an intelligent program is active.

Setting Up an Intelligent Program

Step 5:

Create your Watering Schedule

Select the days you will allow your intelligent program to water.

To select all days as potential watering days, click “Select All.”

The screenshot displays the 'Watering Schedule Overview' page in the Signature Control Systems web interface. The page includes a navigation bar at the top with 'Home', 'Manage Devices', and 'Watering Schedule'. Below the navigation bar, there are dropdown menus for 'Site' (set to 'My Site') and 'Device' (set to 'Controller in the Garage (Online)'). The 'Basic' tab is selected, and the 'Intelligent' sub-tab is active. The 'Profile' dropdown is set to '1'. The 'Database' section contains a yellow warning message: 'Changes will take effect 23 hours after the most recent successful download of this profile, if no successful download found changes will take effect immediately'. The 'Watering Schedule' section includes a 'Name/Description' field (set to 'Intelligent Watering Profile'), a 'Mode' dropdown (set to 'Monthly'), a 'Month' dropdown (set to 'March 2016'), a 'Budget' slider (set to 100%), and a calendar grid for selecting watering days. A blue arrow points to the 'Select All' button in the calendar grid. Below the calendar grid, there are buttons for 'Select All', 'Deselect All', 'Clear', and 'Save'. The 'Water Window' section includes 'Start' and 'End' time fields (both set to 12 AM) and a 'Apply' button.

NOTE: If you do not have watering restrictions where you live, we recommend you allow the intelligent program to water any day of the week. This will provide the most water savings possible.

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Step 5 (continued):

You have multiple options of how to customize which days will be assigned as available watering days for the intelligent program.

Click “Mode” and “Month” to see your options.

The screenshot displays the 'Watering Schedule Overview' page. At the top, there's a navigation bar with 'Home', 'Manage Devices', and 'Watering Schedule'. Below this, the 'WATERING SCHEDULE OVERVIEW' section includes a 'Site' dropdown (My Site), a 'Device' dropdown (Controller in the Garage (Online)), and tabs for 'Basic' and 'Intelligent'. The 'Intelligent' tab is active, showing a 'Profile' dropdown (1) and a 'Database' section with a warning message. The 'Watering Schedule' section contains a 'Name/Description' field (Intelligent Watering Profile), a 'State' dropdown (ON), a 'Program' dropdown (Select All/Deselect All), a 'Zone/Decoder' dropdown (Select All/Deselect All), and a 'Watering Schedule' section with 'Mode' (Monthly), 'Month' (March 2016), and a 'Budget' slider (100%). A calendar view for March 2016 is shown, with days 1 through 31. Two large black arrows point to the 'Mode' and 'Month' dropdowns. At the bottom, there's a 'Water Window' section with 'Start' and 'End' time selectors (12 AM, 12 AM) and a 'Apply' button.

Setting Up an Intelligent Program

Step 6:

Set the program start and end times under “Water Window”

Click “Apply.”

Home / Manage Devices / Watering Schedule

WATERING SCHEDULE OVERVIEW

Site: My Site Device: Controller in the Garage [Online]

Basic Intelligent

Profile: 1)

Database

Changes will take effect 23 hours after the most recent successful download of this profile. If no successful download found changes will take effect immediately

Name/Description: Intelligent Watering Profile

State: ☒ ON ☒ OFF

Program (Select All/Deselect All):

Zone/Decoder (Select All/Deselect All):

Intelligent Irrigation:

Watering Schedule

Mode: Monthly

Month: March 2018

Budget: 100 5%

Water Window

Start: 12 AM hr 00 min

End: 12 AM hr 00 min

Apply

Calendar view for March 2018:

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Buttons: Select All, Deselect All, On, Off

Setting Up an Intelligent Program

Step 7:

Click on “Microclimate Settings” to enter specific information about each valve. When combined with real time weather data, this information allows Share™ algorithms to calculate an intelligent irrigation schedule to maximize water savings.

Home / Manage Devices / Watering Schedule

WATERING SCHEDULE OVERVIEW [Site Dashboard](#)

Site: My Site Device: Controller in the Garage (Online)

Basic Intelligent

Profile: 1) Intelligent Watering Profile

Database

Changes will take effect 24 hours after the most recent successful download of this profile. If no successful download found changes will take effect immediately

Name/Description: Intelligent Watering Profile Watering Schedule: Mode: Monthly Month: March 2016 Budget: 100 %

State: ☒ ON ☐ OFF

Program (Select All/Deselect All)

Selected programs will be deleted and used by Intelligent

Zone/Decoder (Select All/Deselect All)

Intelligent Irrigation requires [Microclimate Settings](#)

Water Window: Start: 00 AM hr 00 min End: 00 AM hr 00 min

Apply

Saved to Database

Setting Up an Intelligent Program

Step 7 (continued):








Home / Manage Devices / Zone/Decoder Settings

ZONE/DECODER SETTINGS OVERVIEW [Site Dashboard](#)

Site: My Site Device: Controller In the Garage [Online]

Names/Descriptions Microclimate

Irrigation Equipment Microclimate Settings Microclimate Parameters

	Zone/Decoder	Irrigation Type	Number of Heads	Sprinkler Type	Precipitation Rate (inph)	Flow Rate (Discharge) (gpm)	Sprinkler Efficiency (%)	Charge Period (min)
	1) Front Yard	Sprinkler	1	Spray Head	2.00	0.00	75	0
	2) Back Yard Grass	Sprinkler	1	Spray Head	2.00	0.00	75	0
	3) Back Side Grass	Sprinkler	1	Spray Head	2.00	0.00	75	0
	4) Front Shrubs	Sprinkler	1	Spray Head	1.50	0.00	50	0
	5)		1		1.50	0	85	0
	6)		1		1.50	0	85	0
	7)		1		1.50	0	85	0

Click on the “Edit” icon to enter the microclimate settings of each valve. If you do not know the information, use the default settings.

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Step 7 (continued):

The screenshot displays the 'Microclimate' configuration page in the Signature Control Systems software. At the top, there are dropdown menus for 'Site' (set to 'My Site') and 'Device' (set to 'Controller in the Garage [Online]'). Below these are tabs for 'Names/Descriptions' and 'Microclimate'. The main form area is titled '1) Front Yard Grass' and contains numerous fields for irrigation settings, including 'Irrigation Type' (Sprinkler), 'Number of Heads (Optional)' (1), 'Precipitation Rate' (2.00 inph), 'Sprinkler Efficiency' (75 %), 'Plant Type' (Lawn), 'Lawn Type' (Cool Season Grass), 'Maturity' (Established), 'Seasonality' (Deciduous), 'Type' (Native or Drought Tolerant), 'Sun/Shade' (Sunny All Day), 'Slope' (Flat/Regglove (0-2%)), 'Soil' (Clay), 'Root Depth' (3.00 in), 'Root Zone Diameter' (1 ft), 'Area (Optional)' (1 ft²), 'Current Deficit (0 = Field Capacity / 100 = Wilting Point)' (100 %), 'Max Depletion' (50 %), and 'Effective Rain Fall' (50 %). At the bottom, there is a section 'Also Apply to the Following (Optional)' with an empty text box, and 'Cancel' and 'Apply' buttons. A large black arrow points from the 'Back Arrow' icon (a small square with a left-pointing arrow) to the 'Apply' button. Another large black arrow points from the 'Back Arrow' icon to the 'Next' button (a small square with a right-pointing arrow) located at the top right of the form area.

Enter the data for each field then click “Apply.”

Click the “Back Arrow” icon to return to the previous page to select the next valve.

Repeat these steps until the micro climate settings have been set for each valve.

See the next screen shot for a potential short cut.

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Optional Short Cut:

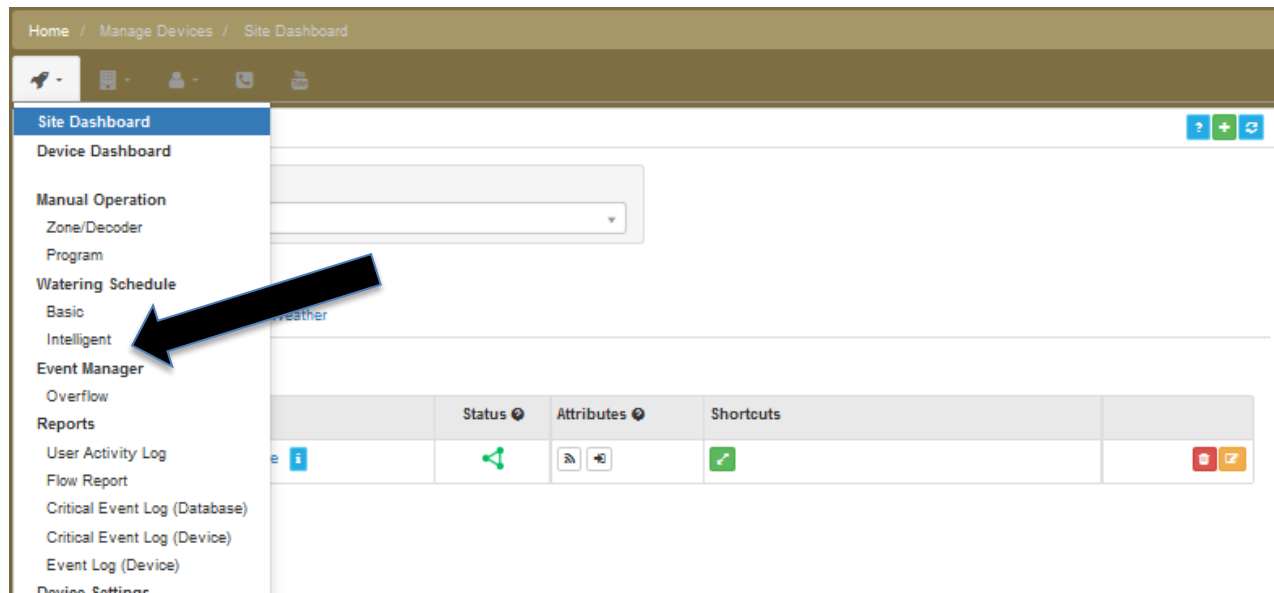
The screenshot shows a software interface for setting up an intelligent program. It features two columns of settings. The left column includes 'slope' (Flat/Negligible (0-2%)), 'Root Depth' (1.00 in), 'Area (Optional)' (1 ft2), and 'Max Depletion' (30 %). The right column includes 'soil' (Clay), 'Root Zone Diameter' (1 ft), 'Current Deficit (0 = Field Capacity / 100 = Wilting Point)' (100 %), and 'Effective Rain Fall' (30 %). Below these settings is a section titled 'Also Apply to the Following (Optional)' which contains a list box. A large black arrow points to the list box, which currently contains the following items: '2) Back Yard Grass', '2) Back Side Grass', '4) Front Shrubs', and a series of empty slots numbered 5) through 9).

If you have multiple valves that share the same settings, indicate which valve to assign to those settings.

Click in the box, “Also Apply to the Following” to select which additional valves to add to the current settings displayed on the screen.

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Step 8:



After entering the micro-climate for each valve, return to the Intelligent Irrigation programming page. Click on “Intelligent” from the “Manage Devices” tab drop down menu.

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Step 9:

The screenshot displays the 'Intelligent' tab of the Signature Control Systems interface. The 'Profile' dropdown is set to '1) Intelligent Watering Profile'. A yellow warning banner states: 'Changes will take effect 23 hours after the most recent successful download of this profile, if no successful download found changes will take effect immediately'. The 'Name/Description' field contains 'Intelligent Watering Profile'. The 'State' is set to 'ON'. The 'Program' dropdown shows 'C) Intelligent'. The 'Zone/Decoder' dropdown is open, showing a list of zones: '1) Front Yard Grass', '2) Back Yard Grass', '3) Back Side Grass', and '4) Front Shrubs'. A black arrow points to the first option, '1) Front Yard Grass'. The 'Watering Schedule' section shows 'Mode' set to 'Monthly' and 'Month' set to 'March 2016'. The 'Budget' is set to 100%. A calendar grid for March 2016 is displayed, with dates 1 through 31. To the right of the calendar are buttons for 'Select All', 'Deselect All', 'Odd', and 'Even'. The 'End' time is set to 00 AM. An 'Apply' button is at the bottom left.

Assign the valves to use in the “Intelligent Program” by clicking inside the “Zone/Decoder” field and selecting the valve(s) to add.

Setting Up an Intelligent Program

Step 10:

Turn on the intelligent program by clicking “On” then “Apply.”

Basic Intelligent

Profile
1) Intelligent Watering Profile

Database

Changes will take effect 23 hours after the most recent successful download of this profile, if no successful download found changes will take effect immediately

Name/Description
Intelligent Watering Profile

State
☒ ON ☐ OFF

Program (Select All/Deselect All)
(C) Intelligent

Selected programs will be deleted and used by Intelligent Irrigation

Zone/Decoder (Select All/Deselect All)

Intelligent Irrigation requires [Microclimate Settings](#)

Water Window
Start 05 AM hr 00 min
End 05 AM hr 00 min

Apply

Watering Schedule
Mode Monthly
Month March 2016
Budget 100 %

Select All
Deselect All
Odd
Even

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		