

# LYNX Central Control



# Why Lynx?



## Easy to Set Up

Lynx® was developed for quick setup – it gives you a fast, accurate way to setup your system to put water exactly where you want it, and then allows you to make edits as your course conditions change.



## Easy to Use

Lynx® has a distinct user interface that combines all essential data and intuitively presents the information you need (alerts, scheduled watering and more) at a glance. It's easy to access all the information you need with one click through your Favorites Menu.



## Easy to Control

Lynx® empowers you to take quick, accurate action to effectively control and manage your golf course by providing past, present and future course information from multiple sources into a single, intuitive interface.



## Support available 24/7 with NSN®

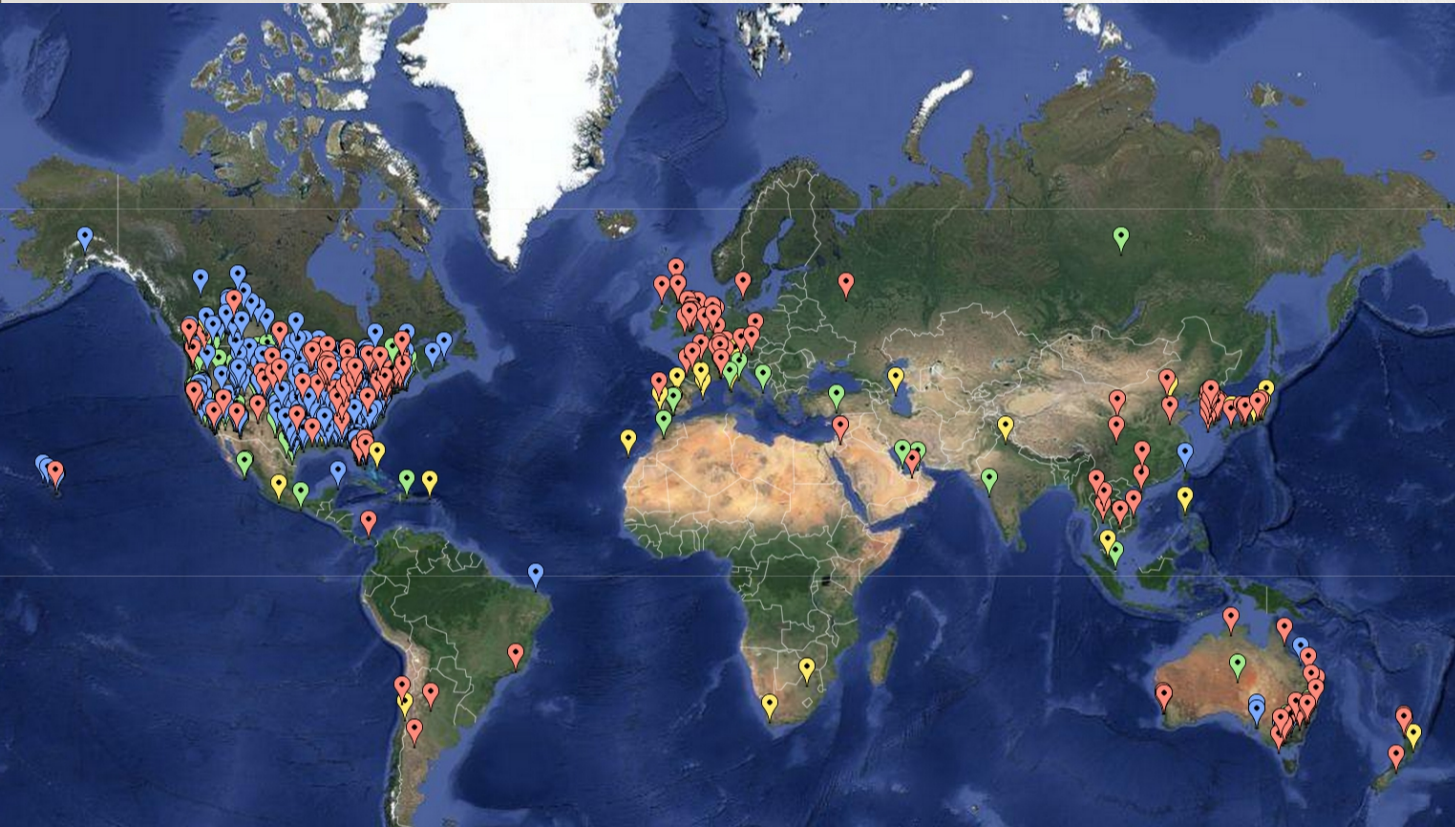
Toro's exclusive National Support Network provides software and network assistance from experienced service professionals who understand what you need. NSN Connect can be linked directly to the system for instant support or scheduled data back-up protection.



## Available anywhere, anytime.

LYNX gives you the ability to access your irrigation controller from anywhere - simply and securely! You can access your LYNX Control System (and all your programs, files and e-mail) whether you are at home, on the road or out there in the field.

# How many Lynx in the world?



- 1410 irrigation systems in the world
- All 5 continents
- Sat and Dec systems

# Critical Insights    Positive Messages

*"Solid system, great support."*

*"I believe Toro is the industry leader."*

*"I believe it is the best irrigation platform available."*

7.59 (2011)

7.72 (2012)

8.15 (2014)



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2

3

# Why Lynx?



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Lynx Language

Language

Language

Units

Distance	<input type="text" value="m."/>	Flow(Low)	<input type="text" value="l/m"/>
Pressure	<input type="text" value="Bar"/>	Flow(High)	<input type="text" value="l/m"/>
Area	<input type="text" value="m²"/>	Volume(Small)	<input type="text" value="l"/>
Temperature	<input type="text" value="°C"/>	Volume(Large)	<input type="text" value="[k]"/>
Precipitation	<input type="text" value="mm/hr"/>	Wind Speed	<input type="text" value="km/hr"/>
		ET	<input type="text" value="mm/day"/>

Ok

## Quickstart: options

Lynx supports 16 languages and can be configured to use metric units.

**TORO**



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## Quickstart: hardware selection

- Quickly select hardware platform
- CSV integration for gateway systems
- Easy selection of sprinklers
- Demo mode option

The screenshot displays the 'Quick Start' window of the Lynx software. The left sidebar contains a navigation menu with 'Quick Start' selected. The main area is titled 'Hardware Configuration' and includes the following sections:

- Platform:** Radio buttons for 'Network GDC' (selected), 'Network VP', 'Network VPe', and 'OSMAC'. An 'IMPORT STATIONS' button is located below.
- Field Hardware Interface Device:** A sub-section titled 'Gateway' with radio buttons for 'Wire Link1' (selected), 'Radio', and 'Demo'. Below are eight 'COM' buttons (COM1 to COM8) with dropdown menus.
- Weather Station:** Eight 'COM' buttons (COM1 to COM8) with dropdown menus.
- Hand Held:** Eight 'COM' buttons (COM1 to COM8) with dropdown menus.
- CSG and Station Groups:** A text input field containing '1|1,2'.
- Sprinklers:** A dropdown menu set to '001'. Below are five checked checkboxes for sprinkler models: 670-590GF, 835S-26, 855S-25, DT34/15, and DT34/25.

At the bottom, there is a footer with the TORO logo, an 'NSN' button, the instruction 'Select a hardware platform, then set its link type and communication port.', and an 'Apply' button.





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## Quickstart: 80/20 rule

Site Water Source: Water Source:  Capacity: 4542 Mts

Course: Dev Course # 1 Holes: 12

Active	Area	Area Number	Area Tag	Sprinkler Model	Nozzle	Sprinklers per Station	Pressure (Psi)	Arc	Pattern	Sprinkler Spacing (ft.)	Row Spacing (ft.)	Auto Cycle Min Time	Auto Cycle Min Soak	Precep Rate (in./hr)	Total Area (sq ft)	Default Runtime	Percent Adjust
<input checked="" type="checkbox"/>	Greens	1	GR	8355-25	31	1	3.447	180	Triangle	18.3	0.0		0	25.166	144,83583936	10	100
<input checked="" type="checkbox"/>	Tees	2	TE	8355-25	31	1	3.447	180	Triangle	18.3	0.0		0	25.166	144,83583936	10	100
<input checked="" type="checkbox"/>	Fairways	3	FW	8355-25	31	1	3.447	180	Triangle	18.3	0.0		0	25.166	144,83583936	10	100
<input checked="" type="checkbox"/>	Surrounds	4	SU	8355-25	31	1	3.447	180	Triangle	18.3	0.0		0	25.166	144,83583936	10	100
<input checked="" type="checkbox"/>	Bunkers	5	RD	0734525	31	1	3.447	360	Triangle	18.3	0.0		0	12.7	289,67619192	10	100
<input checked="" type="checkbox"/>	Bunkers	6	SU	570-5900F	10-F	1	3.447	180	Triangle	18.3	0.0		0	2.794	144,83583936	10	100
<input checked="" type="checkbox"/>	Mounds	7	MD	8355-25	31	1	3.447	180	Triangle	18.3	0.0		0	25.166	144,83583936	10	100
<input checked="" type="checkbox"/>	Approaches	8	AP	8355-25	31	1	3.447	180	Triangle	18.3	0.0		0	25.166	144,83583936	10	100
<input checked="" type="checkbox"/>	Club House	9	CH	8355-25	31	1	3.447	180	Triangle	18.3	0.0		0	25.166	144,83583936	10	100
<input checked="" type="checkbox"/>	Driving Range	10	DR	8355-25	31	1	3.447	180	Triangle	18.3	0.0		0	25.166	144,83583936	10	100

- In Quickstart we set up the “standard” situation per area
  - Most used sprinklers
  - Most common pressure
  - Most common arc
  - Etc
- Then work on exceptions

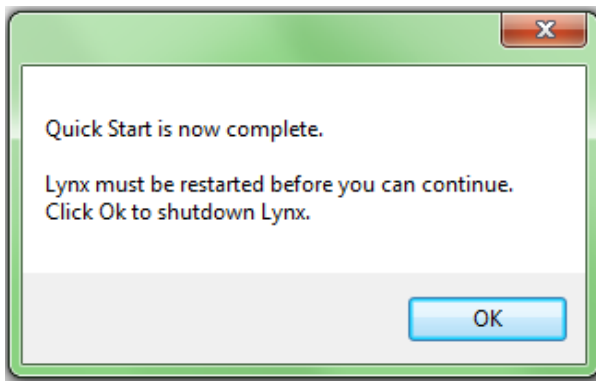




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## Support



- Our network of distributors sets up LYNX and provides initial training
- Software is anyway intuitive
- Our 24/7 service of NSN is available for any assistance right after installation

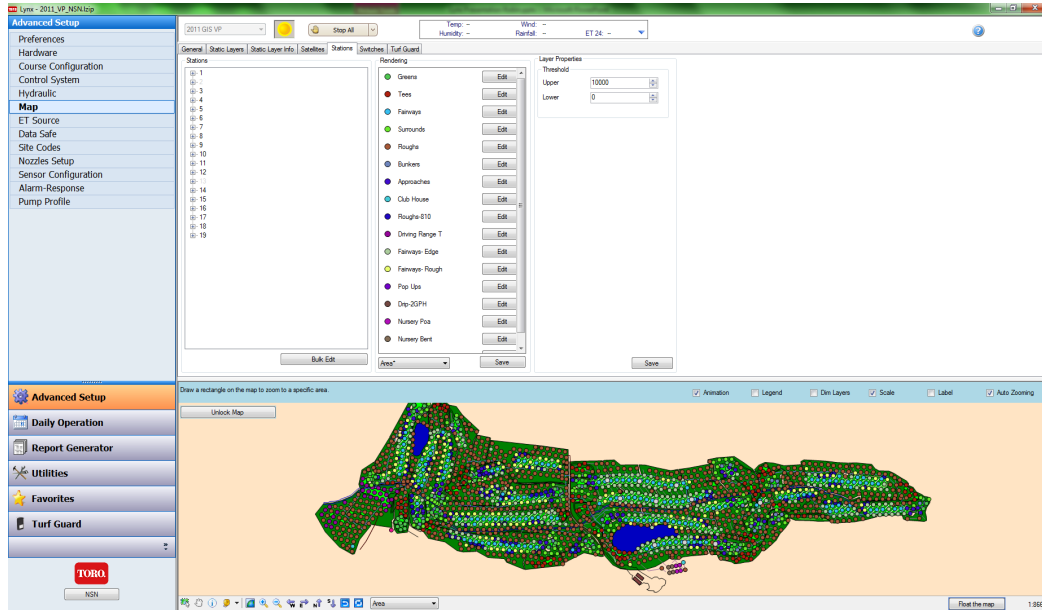
**TORO**



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## Map Creation and update



- **Many formats:** JPG, BMP or TIFF files (Google Maps). No need to create dedicated maps
- **Easy to add:** stations, satellites, Turf Guard sensors (no changes need to be made on AutoCad)
- **Easy to move** every element on the map



It's not only us saying that...

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# Easy Navigation with no hidden screens

## Navigation Panel

The screenshot displays the Lynx software interface for 'EME Training with map.lzp'. On the left is a 'Navigation Panel' with categories like 'Daily Operation', 'Watering Plan', 'Advanced Setup', and 'Report Generator'. The main 'Work Space' contains a data table with columns for Program, #, On, Auto Cycle, Last RT, Next RT, Adj. RT, Last Amt., Next Amt., Adj. Amt., Pct. Adjust, Start Time, Priority, Active Days, RT Calc, ET Mode, ET Source, Ref ET, Rainfall, and Turf Guard. Below the table is a map of a golf course layout with various colored zones and a central building. The bottom status bar shows 'Root the map' and '1:12428'.

Program	#	On	Auto Cycle	Last RT	Next RT	Adj. RT	Last Amt.	Next Amt.	Adj. Amt.	Pct. Adjust	Start Time	Priority	Active Days	RT Calc	ET Mode	ET Source	Ref ET	Rainfall	Turf Guard
Greens	1	✓	☐	5/29	10	10/20	0.23	0.08/0.48	0.08/0.48	100	10:00 PM	F	21 24 26 28 30 31 32	User Defined	None	None	None	None	None
Tees	2	✓	☐	5/29	3/19	6/19	0.23	0.15	0.00/0.22	100	10:00 PM	B	21 24 26 28 30 31 32	ET Auto Calc	Daily	Manual	None	None	None
Fairways	3	✓	☐	8/30	5/20	5/20	0.23	0.15	0.15	100	10:00 PM	C	21 24 26 28 30 31 32	ET Auto Calc	Daily	Manual	None	None	None
Surrounds	4	✓	☐	5/30	3/20	3/20	0.23	0.15	0.08/0.30	100	10:00 PM	A	21 24 26 28 30 31 32	ET Auto Calc	Daily	Manual	None	None	None
Backups	5	✓	☐	0	0	0/00	0.00	0.00	0.00	100	10:00 PM	A	21 24 26 28 30 31 32	User Defined	None	None	None	None	None
Perimeters	6	✓	☐	5/23	3/15	0/15	0.23	0.15	0.00/0.15	100	10:00 PM	G	21 24 26 28 30 31 32	ET Auto Calc	Daily	Manual	None	None	None
DR Tee	7	✓	☐	4/19	3/13	3/12	0.23	0.15	0.15	100	10:00 PM	D	21 24 26 28 30 31 32	ET Auto Calc	Daily	Manual	None	None	None
DR Fairway	8	✓	☐	10/20	6/13	6/13	0.23	0.15	0.15	100	10:00 PM	H	21 24 26 28 30 31 32	ET Auto Calc	Daily	Manual	None	None	None
Club House/Landsc	9	✓	☐	15	10	8/20	0.110/-46	0.08/0.31	0.08/0.46	100	10:00 PM	A	21 24 26 28 30 31 32	User Defined	None	None	None	None	None
Rough	13	✓	☐	5/32	3/24	0/21	0.23	0.15	0.00/0.25	100	10:00 PM	E	21 24 26 28 30 31 32	ET Auto Calc	Daily	Manual	None	None	None
Greens Flush	101	✓	☐	6/25	6/25	6/16	0.30	0.30	0.11/0.39	100	10 Starts	A	21 24 26 28 30 31 32	User Defined	None	None	None	None	None

## Status Bar

## Work Space

## Map



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## Watering plan: all in one page

The screenshot displays the Lynx software interface for EMEA Training. The left sidebar menu includes options like 'Daily Operation', 'Course Report', 'Manual Irrigation', 'Synchronize', 'Work Order', 'Watering Plan', 'Instant Program', 'Discontinued Flow', 'Advanced Activity', and 'Favorites'. The 'Watering Plan' option is highlighted with a large arrow. The main window shows a detailed table of watering data for various holes and stations. Below the table is a map of the golf course layout with colored areas representing different watering zones. A large arrow points from the table to the map. The bottom of the screen shows the Windows taskbar with the time 11:30 AM on 11/22/2014.

Program	#	On	Auto Cycle	Last RT	Next RT	Adj. RT	Last Amt.	Next Amt.	Adj. Amt.	Pct. Adjust	Start Time	Priority	Active Days	RT Calc.	ET Mode	ET Source	Ref ET	Rainfall	Turf Guard
Greens	1	On		5/29	3/19	10/20	0.23	0.00/0.48	100	100.00	PM	F	11/22/2014	User Defined	None	None	None	None	
Tees	2	On		5/29	3/19	0/19	0.23	0.15	0.00/0.22	100	10:00 PM	B	11/22/2014	ET Auto Calc	Daily	Manual	None	None	
Hole		On		Last RT	Next RT	Adj. RT	Last Amt.	Next Amt.	Adj. Amt.	Pct. Adjust	Offset	ET Source	Rainfall	Max Strs	Turf Guard				
1-Tees		On		10/29	6/19	6/19	0.23	0.15	0.15	100	0	Manual	None	4					
2-Tees		On		10/29	6/19	6/19	0.23	0.15	0.15	100	0	Manual	None	4					
3-Tees		On		19	13	12/33	0.23	0.15	0.15	100	0	Manual	None	4					
4-Tees		On		19	12/13	12/30	0.23	0.15	0.15	100	0	Manual	None	4					
5-Tees		On		11/22	7/14	7/14	0.23	0.15	0.15	100	0	Manual	None	4					
6-Tees		On		9/22	6/14	0/14	0.23	0.15	0.00/0.15	100	0	Manual	None	4					
7-Tees		On		10/19	6/13	0/12	0.23	0.15	0.00/0.15	100	0	Manual	None	4					
Station		On		Last RT	Next RT	Adj. RT	Last Amt.	Next Amt.	Adj. Amt.	Pct. Adjust	Suspend	CTime	Volume						
77E1		On		19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25						
77E2		On		19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25						
77E3		On		10	6	0/00	0.230	0.150	0.000	100	0	0:00	0.00						
77E4		On		19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25						
77E5		On		10	6	6/15	0.230	0.150	0.150	100	0	6:15	145.39						
77E6		On		19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25						
77E7		On		12	8	7:51	0.150	0.150	0.150	100	0	7:51	218.23						
77E8		On		19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25						
77E9		On		19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25						
77E10		On		19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25						
8-Tees		On		5/19	3/13	3/12	0.15	0.15	0.15	100	0	Manual	None	4					
9-Tees		On		19	13	12/30	0.15	0.15	0.15	100	0	Manual	None	4					
10-Tees		On		5/29	3/19	3/19	0.15	0.15	0.15	100	0	Manual	None	4					

- All the details of the irrigation plan in **one screen, no hidden screens**
- Watering Plan organized like a golf course: **by Area and Hole**



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## Watering plan: all in one page

Program	#	On	Auto Cycle	Last RT	Next RT	Adj. RT	Last Amt.	Next Amt.	Adj. Amt.	Pct. Adjust	Start Time	Priority	Active Days	RT Calc.	ET Mode	ET Source	Ref ET	Rainfall	Turf Guard
Greens	1	On		5/29	10	10/20	0.23	0.08/0.48	0.00/0.48	100	10:00 PM	F	24 24 24 24 24 24 24 24	User Defined	None	None	None	None	
Tees	2	On		5/29	3/19	0/19	0.23	0.15	0.00/0.22	100	10:00 PM	B	24 24 24 24 24 24 24 24	ET Auto Calc	Daily	Manual	None	None	
Hole																			
	Auto Cycle	Last RT	Next RT	Adj. RT	Last Amt.	Next Amt.	Adj. Amt.	Pct. Adjust	Offset	ET Source	Rainfall	Max Strps	Turf Guard						
1-Tees		10/29	6/19	6/19	0.23	0.15	0.15	100	0	Manual	None	4							
2-Tees		10/29	6/19	6/19	0.23	0.15	0.15	100	0	Manual	None	4							
3-Tees		19	13	12/33	0.23	0.15	0.15	100	0	Manual	None	4							
4-Tees		19	12/13	12/30	0.23	0.15	0.15	100	0	Manual	None	4							
5-Tees		11/22	7/14	7/14	0.23	0.15	0.15	100	0	Manual	None	4							
6-Tees		9/22	6/14	6/14	0.23	0.15	0.00/0.15	100	0	Manual	None	4							
7-Tees		10/19	6/13	6/12	0.23	0.15	0.00/0.15	100	0	Manual	None	4							
Station																			
	Auto Cycle	Last RT	Next RT	Adj. RT	Last Amt.	Next Amt.	Adj. Amt.	Pct. Adjust	Suspend	CTime	Volume	Turf Guard							
7TE1	On	19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25								
7TE2	On	13	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25								
7TE3	On	30	8	6/6	0.230	0.150	0.000	100	0	0:00	0.00								
7TE4	On	19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25								
7TE5	On	19	13	12/30	0.230	0.150	0.150	100	0	6:16	145.39								
7TE6	On	19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25								
7TE7	On	19	13	12/30	0.230	0.150	0.150	100	0	7:51	218.23								
7TE8	On	19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25								
7TE9	On	19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25								
7TE10	On	19	13	12/30	0.230	0.150	0.150	100	0	12:30	291.25								
8-Tees	On	5/19	3/13	3/12	0.23	0.15	0.15	100	0	Manual	None	4							
9-Tees	On	19	13	12/30	0.23	0.15	0.15	100	0	Manual	None	4							
10-Tees	On	5/29	3/19	3/19	0.23	0.15	0.15	100	0	Manual	None	4							

- **Green/Red water drops** to quickly visualize area/sprinklers on/off
- **Dynamic Drill Down (+/-)** to access Hole and Station Detail
- Quickly **turn stations on/off** using the **green button**



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## Easy to set runtimes

Program	#	On	Auto Cycle	Last RT	Next RT	Adj.	Last Amt.	Next Amt.	Adj. Amt.	Pct. Adjust	Start Time	Priority	RT Calc.	ET Mode	ET Source	Ref ET	Rainfall	Turf Guard
Greens	1	On		5/29	3/19	0/19	0.23	0.15	0.00/0.22	100	10:00 PM	F	User Defined	None	None	None	None	
Tees	2	On		5/29	3/19	0/19	0.23	0.15	0.00/0.22	100	10:00 PM	B	ET Auto Calc	Daily	Manual	None	None	
Station																		
7TE1	On	Auto Cycle	Last RT	Next RT	Adj. RT	Last Amt.	Next Amt.	Adj. Amt.	Pct. Adjust	Suspend	CTime	Volume	Turf Guard					
7TE2	On		19	13	12:30	0.230	0.150	0.150	100	0	12:30	291.25						
7TE3	On		30	6	6:40	0.230	0.150	0.000	100	0								
7TE4	On		19	13	12:30	0.230	0.150	0.150	100	0								
7TE5	On		30	6	6:46	0.230	0.150	0.150	100	0								
7TE6	On		19	13	12:30	0.230	0.150	0.150	100	0								
7TE7	On		12	8	7:51	0.230	0.150	0.150	100	0	7:51	218.23						
7TE8	On		19	13	12:30	0.230	0.150	0.150	100	0	12:30	291.25						
7TE9	On		19	13	12:30	0.230	0.150	0.150	100	0	12:30	291.25						
7TE10	On		19	13	12:30	0.230	0.150	0.150	100	0	12:30	291.25						
8-Tees																		
8-Tees	On		5/19	3/13	3/12	0.23	0.15	0.15	100	0	Manual	None	4					
9-Tees	On		19	13	12:30	0.23	0.15	0.15	100	0	Manual	None	4					
10-Tees	On		5/29	3/19	3/19	0.23	0.15	0.15	100	0	Manual	None	4					

- Runtimes can be easily set by minutes or amount
- It shows the last % station adjustment for reference
- With the calendar you decide which days to water





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## Map

- Can be floated
- Interactive stations, satellites & sensors
- Animation to show sprinklers watering
- View by Area, Hole, Satellite, Percent Adjust,...
- You can make adjustments and add new stations

Right click on irrigation items to display details.

Animation Legend Dm Layers Scale Label Auto Zooming

Station	
Name	Sprinkler Nozzle 0355-2933
Address	2-104-39
Hole Area	117148
Completed Total	---
Arc	260
Hold Days	None
Status	---
Sprinkler Nozzle	F2-100-117-1
Turf Guard to	Unassigned
Remaining Auto	00:00:00
Remaining Manual	00:00:00
Remaining GMM	00:00:00
Greens	---
Compression	---
Slope	---
Soil Type	---
Shade	---
Club House	---
Divert Range	---
Percent Adjust	100

Send Stop

1:6398



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## Instant programs

The screenshot displays the Lynx software interface for configuring an instant program. The interface is organized into several sections:

- Stations by Site Code:** Lists stations grouped by site code (e.g., GREEN E, WEST DRY, HOLE #, Sensor, Plant).
- Stations by Hardware:** Lists stations grouped by hardware type (e.g., Group 1).
- Stations by Area:** Lists stations grouped by area (e.g., Greens, Tees, Fairways, Sandtraps, Backups, Perimeters, DR Tee, DR Fairway, Club House/Landscaping, Rough).
- Current Program:** Shows the selected program type (Sequential) and a list of stations to be included in the program (e.g., 1-Fairways, 2-Fairways, 3-Fairways, 4-Fairways, 5-Fairways, 6-Fairways, 7-Fairways, 8-Fairways, 9-Fairways, 10-Fairways, 11-Fairways, 12-Fairways, 13-Fairways, 14-Fairways, 15-Fairways, 16-Fairways, 17-Fairways, 18-Fairways).
- Map:** A map showing the layout of the field with various station locations marked.

Three large grey arrows point from the text on the right to the 'Current Program' list, the 'Save Program' button, and the map area.

- Sequential Instant Programs allow selecting the order the stations will run.
- To create a program, just click the station and add them to the list
- Stations can be placed into an Instant Program from the list or from the map

**TORO**



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## Manual Irrigation

The screenshot shows the Lynx software interface for Manual Irrigation. The interface includes a sidebar with navigation options, a top control bar, a central area for selecting sprinklers, a right panel for operator and option settings, and a bottom map view. Two large grey arrows point to the 'Manual Irrigation' menu item and the 'Start Delay minutes' field.

- Select sprinklers from the drilldown menu or the Map
- Indicate runtime
- Stations selected indicated on Map
- Start delay option

**TORO**



### Easy to Use

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Easy to save water

- Easy set up by head
- Water only where you need, when you need
- Integration with sensors (Turf Guard)
- Optimization of flow and irrigation



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The easy of use means what for you?

- Less man hours to set up/control irrigation
- Easy to train/use for additional users
- Use more and more efficiently, increasing productivity
- The control system is always updated
- Think about irrigation less: you set it and it's done

# Why Lynx?



## Easy to Set Up

Lynx® was developed for quick setup – it gives you a fast, accurate way to setup your system to put water exactly where you want it, and then allows you to make edits as your course conditions change.



## Easy to Use

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## Easy to Control

Lynx® empowers you to take quick, accurate action to effectively control and manage your golf course by providing past, present and future course information from multiple sources into a single, intuitive interface.



## Easy to Control

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## Course Report

The screenshot displays the Lynx software interface for 'EMEA Training with map'. The 'Daily Operation' menu is open, highlighting 'Course Report'. The main window shows a table of irrigation stations with columns for Area, Complete At, Running, Automatic Complete, Manual Complete, On Hold, and Disabled. The table is filtered for 'Finished watering at 3:51 AM' and 'Last Updated: 11:29 AM'. A 'Current Alerts' panel on the right shows two alerts: 'Sat 1-21 PM: Manual communication failure' at 11:24 AM and 11:24 AM. Below the table is a map of the golf course with a color-coded overlay. A large arrow points from the 'Course Report' menu item to the table, and another large arrow points from the map to the table.

Area	Complete At	Running	Automatic Complete	Manual Complete	On Hold	Disabled
Greens	4:03 AM		100			
Tees	12:10 AM		215	2		
Hide	Complete At	Running	Automatic Complete	Manual Complete	On Hold	Disabled
3-Tees	11:45 PM		56			
3-Tees	11:33 PM		3			
4-Tees	11:33 PM		10			
5-Tees	11:49 PM		10			
6-Tees	11:36 PM		18			
7-Tees	11:07 PM		9			
8-Tees	11:23 PM		10			
9-Tees	11:09 PM		3			
10-Tees	11:49 PM		15			
11-Tees	11:43 PM		14			
12-Tees	12:05 AM		12			
13-Tees	11:20 PM		11			
14-Tees	11:36 PM		13			
15-Tees	11:31 PM		15			
16-Tees	10:59 PM		11			
Fairways	11:27 AM			7		
Surrounds	11:36 PM		161			
Perimeters	1:55 AM		174			
On Tee	10:58 PM					
DR Fairway	2:34 AM		62			
Club House/Landscaping	11:52 PM		30			
Rough	3:51 AM		615	3		

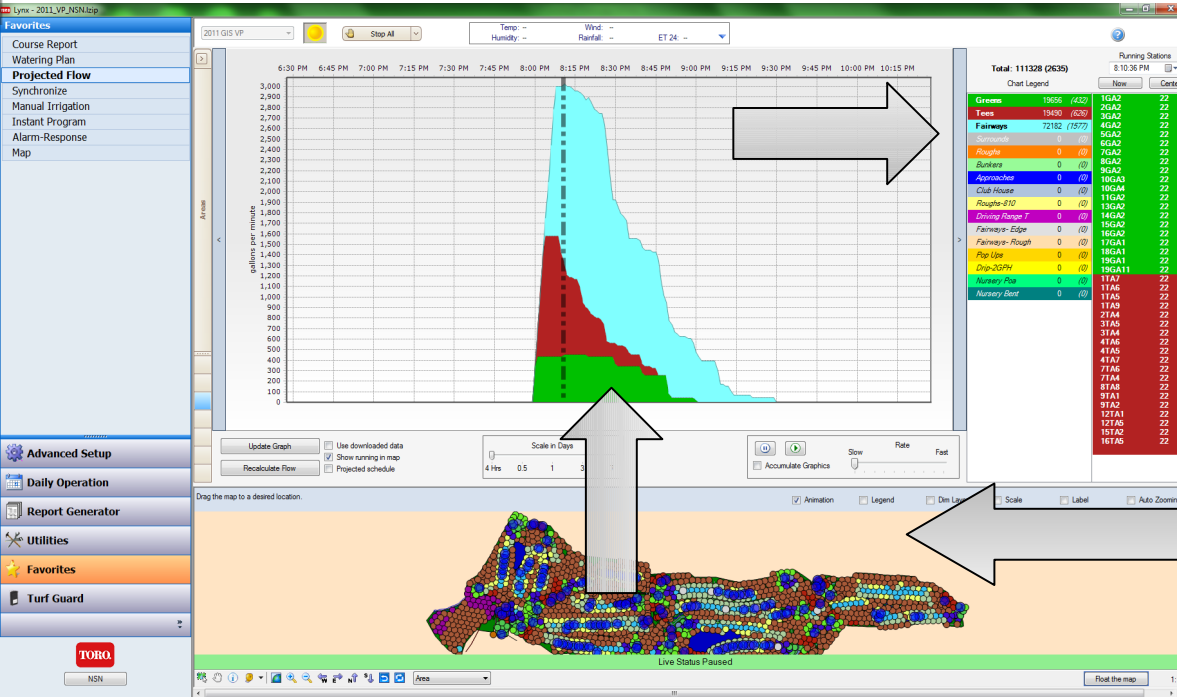
- At a glance, the colors from Watering Plan show the irrigation results. **All green you are good!**
- Alert Panel messages show which stations did not run, and when they were scheduled
- Stations that did not run last night flash red
- Show Automatic and Manual subtotals



## Easy to Control

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## Projected Flow



- Graph displays flow by Area, Program, Course and Hole with subtotals
- Can show up to 7 days of stored history
- Projection can be displayed on map to ensure all areas are scheduled
- Easy to check when stations are running





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## 2-wire Diagnostics

The screenshot displays the Lynx 2014 GIS GDC software interface. On the left, a tree view shows the course layout with 'Hole 1' through 'Hole 23' listed. The main window shows 'Diagnostic Operations' with 'Solenoid Test' selected. A large grey arrow points to the 'Solenoid Test' radio button. Below, the 'Operation Results' table shows a list of diagnostic events. A 'Start Operations' button is visible on the right.

Gateway	Test	Time	Entry Type	Hardware	Serial #	Station	Message
Gateway 1	Get Gateway I...	1:06:50 PM	Information				Begin get Gateway info
Gateway 1	Get Gateway I...	1:06:51 PM	Information	Gateway 1			Gateway 1 Pump Status Off
Gateway 1	Get Gateway I...	1:06:52 PM	Information	Gateway 1			Gateway 1 Rain Sensor Dry
Gateway 1	Get Gateway I...	1:06:52 PM	Information	Gateway 1			Gateway 1 Pressure Low
Gateway 1	Get Gateway I...	1:06:52 PM	Information				Completed
Gateway 1	Solenoid Test	1:07:27 PM	Information	1-1-003	@A01A6[1]	ITE4	Begin
Gateway 1	Solenoid Test	1:07:29 PM	Information	1-1-000	@A01A6[0]		Processing...
Gateway 1	Solenoid Test	1:07:34 PM	Information	1-1-000	@A01A6[0]		Diagnostics results available
Gateway 1	Solenoid Test	1:07:34 PM	Pass	1-1-003	@A01A6[2]	ITE4	Operating properly
Gateway 1	Solenoid Test	1:07:34 PM	Information	1-1-003	@A01A6[2]	ITE4	Solenoid available
Gateway 1	Solenoid Test	1:07:34 PM	Information	1-1-003	@A01A6[3]	ITE4	Solenoid available
Gateway 1	Solenoid Test	1:07:34 PM	Information	1-1-003	@A01A6[4]	ITE4	Solenoid available
Gateway 1	Solenoid Test	1:07:34 PM	Information	1-1-000	@A01A6[1]		Turning off station
Gateway 1	Solenoid Test	1:07:34 PM	Pass	1-1-000	@A01A6[1]		Solenoid Test End
Gateway 1	Solenoid Test	1:07:34 PM	Information	1-1-003	@A01A6[1]	ITE4	Completed

- Automatic each morning
- Select by either Wire Path address or Course Area.
- Can diagnose **any part of the system** down to the single station
- Diagnose indicate **pass or fail**

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## Support available 24/7 with NSN®

Toro's exclusive National Support Network provides software and network assistance from experienced service professionals who understand what you need. NSN Connect can be linked directly to the system for instant support or scheduled data back-up protection.



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## NSN, Distributor network

At the center of all our thoughts there is YOU.

You can reach us in multiple ways:

- NSN supports you on all your questions, doubts and support needed on LYNX and the central
- Our distributor is always there for support, feedbacks, demands and sales assistance
- Our Service Manager can help you with any problem you may have in the field
- Our TORO Sales Manager is our regional presence to help you interact directly with TORO
- Our Engineering team develops new product and ultimately solves any product development needed by you

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## Available anywhere, anytime.

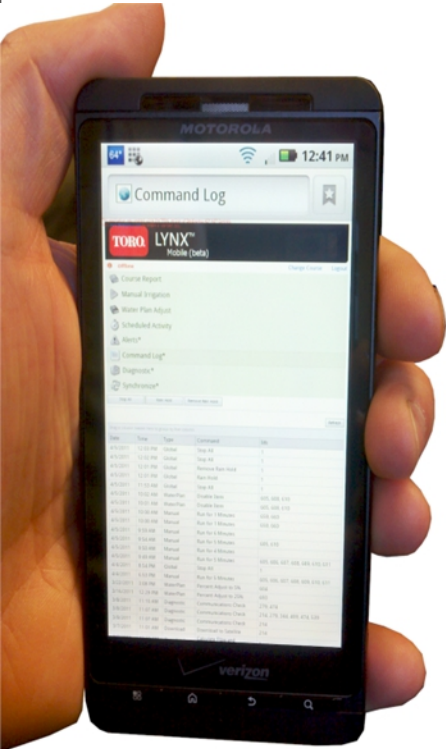
LYNX gives you the ability to access your irrigation controller from anywhere - simply and securely! You can access your LYNX Control System (and all your programs, files and e-mail) whether you are at home, on the road or out there in the field.



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## NSN Connect and LYNX Mobile



- Control your irrigation system from all over the world
- Take control over the irrigation pc via NSN Connect
- Manual Irrigation, adjustments to the Watering Plan, check the Course Report... all via your mobile phone via Lynx Mobile

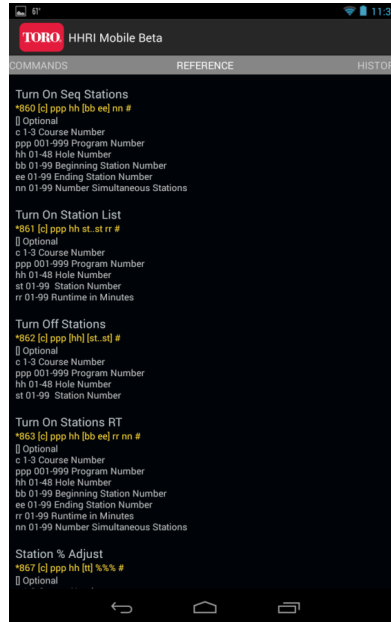
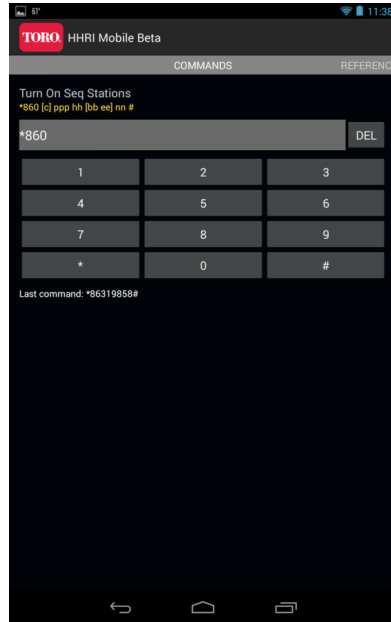
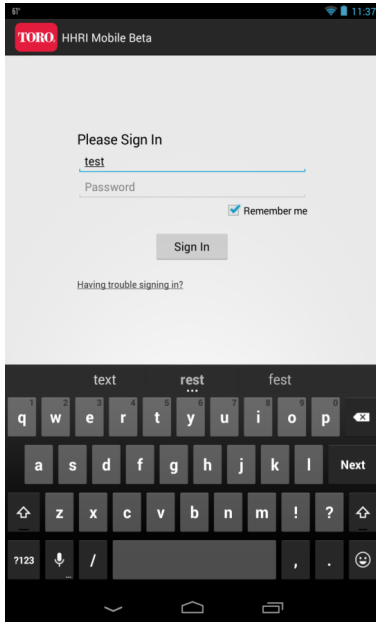




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# HHRI App



- HHRI application
- Same functionality as a radio





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# MAP App



- Walk on the course and see the stations geotagged around you
- Operate them directly from the app
- Manual application

