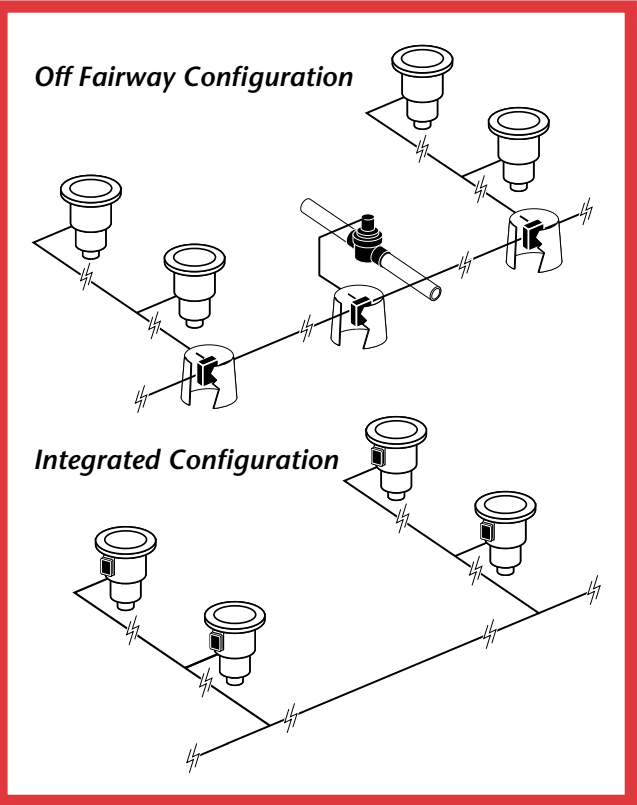


FLEXIBLE INSTALLATION OPTIONS

- Integrated or Off-Fairway
- Simplicity
- Ease of Access

GDC 2-wire modules can be installed near or on the sprinklers, providing simplicity, consistency and dedicated intelligence for every sprinkler.

Another option is to install the modules in valve boxes, out of the area of play, for enhanced access and lowest cost. If desired, you can also combine the two styles, simplifying fairway installation but providing the assurance that you won't be doing any digging around greens for repairs or maintenance.



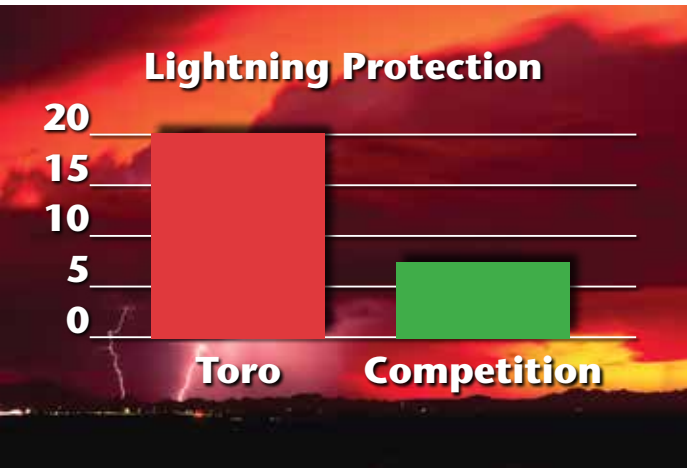
LIGHTNING PROTECTION

- Broadband Protection
- Best in Class
- Prevents Storm Damage

Mother Nature occasionally hits every course with some electricity, some much more than others. The GDC system is ready. Our innovative, broadband protection circuit is based on our decades of experience providing the ultimate protection for traditional satellites.

All parts of the field modules are protected with a proven combination of gas tube surge arrestors, inductors and movs, so any surge, at any frequency, is routed away from the microprocessor and safely into the ground. This surge protection circuit also protects the solenoid up to 20KV, the Toro benchmark for protection.

As in a satellite system, there is some grounding required on the main communication cable, but the advanced protection built into every module means there are significantly less of these in field grounds to install and maintain than what is required for competitive systems.



CUSTOMER SATISFACTION

- Chosen More than any other
- Hundreds of Systems
- Superintendents Agree

With hundreds of systems in 37 countries, the Toro® GDC 2-wire system has been chosen by more courses than any other advanced 2-wire system. Here's what some of the superintendents have to say about their GDC systems:

California Golf Club Superintendent, **Thomas Bastis**, says...

"The GDC system uses advanced technology that simplifies things for me. There are fewer parts, so fewer items to stock and my staff can make any needed repairs on site instead of sending boards in to a service center. The architect and the members also like having everything below grade – no boxes to look at and no chance of vandalism."



Blue Ash Superintendent, **Dan Walter**, says...

"Less wire makes the GDC system easy to work with, and it's less expensive than a satellite system. It's also very flexible so I can easily add or move sprinklers wherever I need them. When I weighed all of the different options for a new system, GDC was the obvious choice."

Morris County Superintendent, **Paul Mulholland**, says...

"The Lynx software is easy to use and lets us run what we need to. The 2-wire design has allowed us to add 24 rough sprinklers on several holes without having to trench all the way back to a satellite. The GDC lightning protection is excellent. We had a major strike recently directly on the course that did some damage to one sprinkler, but there was no other damage to the rest of the Toro equipment."



TORO® NSN SUPPORT

- Telephone Support 24/7/365
- 24 hour Replacement
- Remote Access and Monitoring



COUNT ON TORO.

Toro products are developed by golf irrigation experts for individuals like you who work hard to maintain flawless turf conditions. We strive to help you manage your water, energy and labor resources most effectively, while delivering the best playing conditions on your course.

As issues about water usage continue to impact golf, count on Toro to take an industry-leading position in finding new, practical and innovative ways to irrigate more efficiently. Toro stands behind our quality products with the most experienced service



The Toro Company | Irrigation Division
5825 Jasmine Street | Riverside, CA 92504
877.345.TORO | www.toro.com

professionals—from installation and training to system optimization and everything in between, including financing. Toro also funds research and support for several trade associations, all to help us understand your challenges and provide better solutions.



Count on it.



GDC Control System

GDC Control System

TORO GDC Control System

- **Advanced 2-Wire Technology**
- **Reduced System Cost**
- **Lynx Central Software**
- **Superior Diagnostics**
- **Flexible Installation Options**
- **Lightning Protection**
- **Customer Satisfaction**
- **Support**

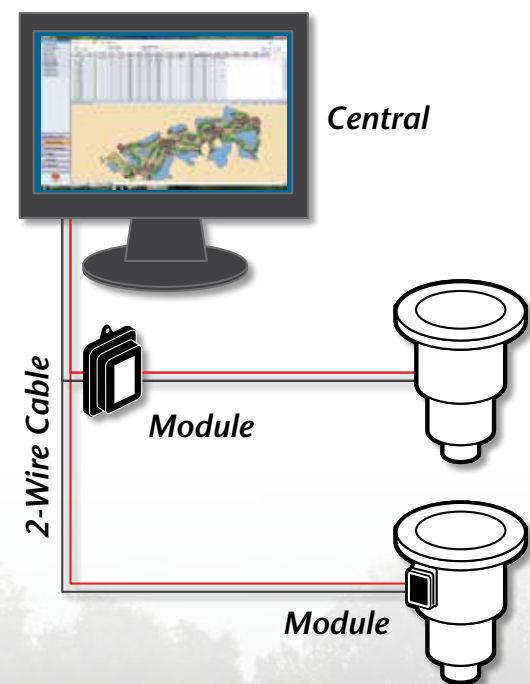
ADVANCED 2-WIRE TECHNOLOGY

- **Reduces amount and cost of wire**
- **Eliminates satellite boxes**
- **Uses patented technology introduced by Toro**

In 2006, Toro changed the industry with the introduction of GDC advanced 2-wire technology. This patented new system revolutionized the irrigation industry by making 2-wire technology practical for all types of golf courses.

2-Wire systems eliminate the need for traditional satellite boxes by installing Intelligent modules near or on the sprinklers. These modules are all joined to the central computer by a simple two-conductor cable. The elimination of the satellite boxes and the thousands of feet of wire simplifies the installation, improves aesthetics and reduces cost.

Built on our 20 years of experience with decoder systems, the introduction of two-way communication and **ultra low power** latching solenoids reduce power use and allow the use of smaller wire while enabling advanced, intelligent diagnostics. While others have followed in our footsteps, Toro is the industry leader in advanced 2-wire control, with the largest customer base and the largest systems in operation.



REDUCED SYSTEM COST

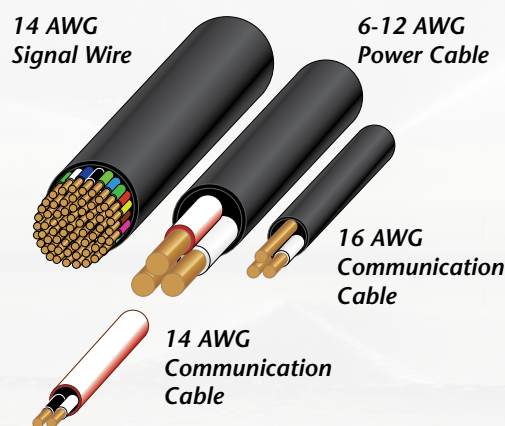
- **Uses 85% less wire than a traditional satellite control system**

Wire for a traditional system

1,000,000 feet of 14 AWG signal wire
25,000 feet of 6-12 AWG power cable
25,000 feet of 16 AWG communication cable

Wire for a two-wire system

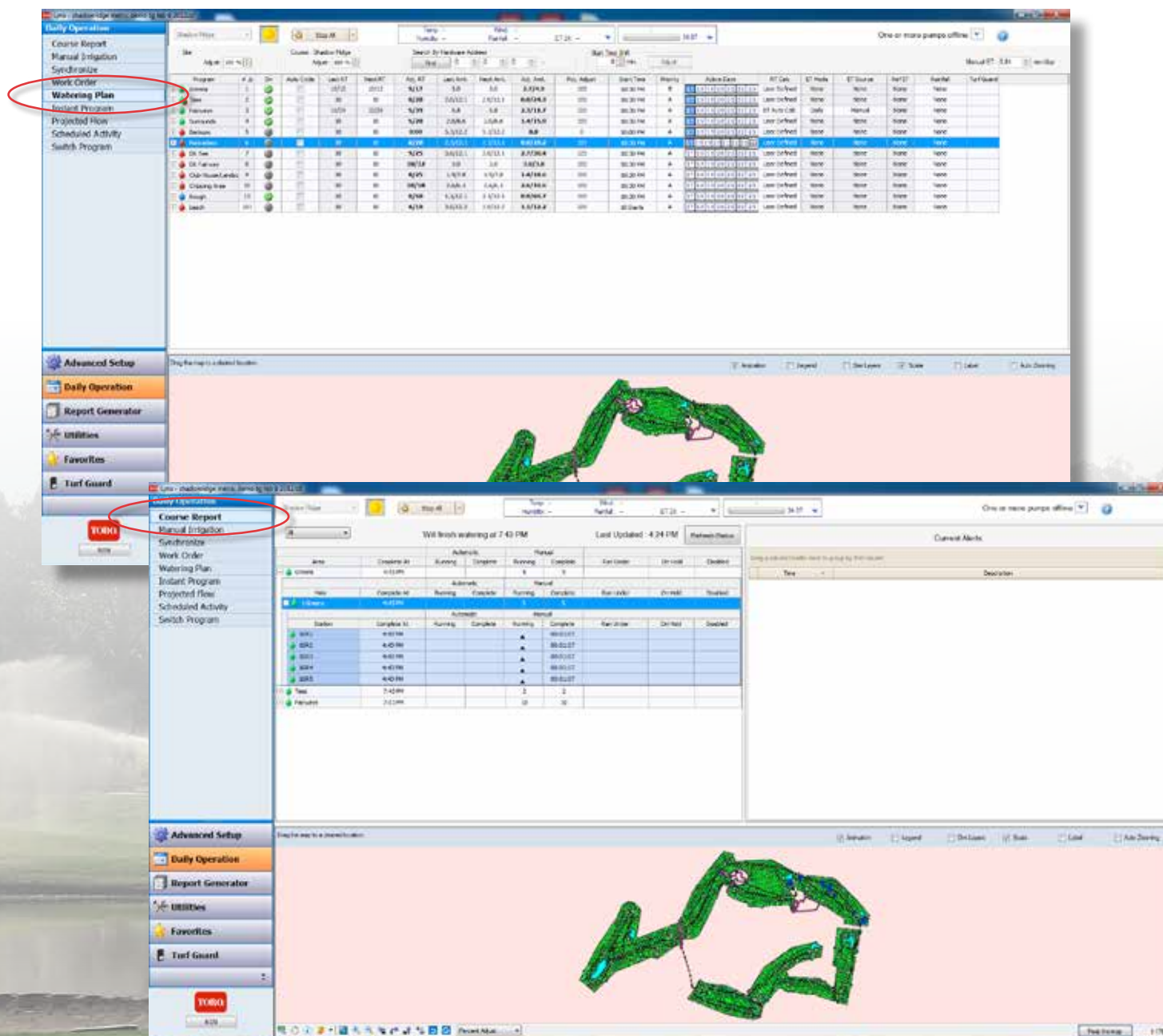
90,000 feet of 14 AWG communication cable



LYNX® CENTRAL SOFTWARE

- **Easy to Use**
- **Easy to Set Up**
- **Easy to Support**

The GDC 2-wire system works with Lynx, the newest, highest featured yet easy-to-use control software available. Lynx was designed to provide precision control without being complicated. Based on direct input from superintendents, the software is highly intuitive so you can set up your watering schedule and make changes quickly, with just a few clicks. Features like the Watering Plan, Course Report and Course Map all work together with the GDC system in real time, so you are always in control.



SUPERIOR DIAGNOSTICS

- **Automatic system check every time you water**
- **Course report shows where and when issues occur**
- **System alarms keep you informed**

One of the great things about a 2 -wire system is that everything is out of sight, below grade. So if and when something goes wrong, how do you know?

The GDC system uses advanced diagnostics to make sure the system is always operating correctly. Every time you water, the GDC system verifies communication with every module. If there is a problem, the Course Report in Lynx shows you when and where it happened, automatically. The wire path check quickly confirms that all communication cables are intact and that voltage and amperage values are within the necessary limits.

Golf courses frequently have maintenance or improvement projects. If someone puts a shovel through the communication cable and causes a short circuit or a ground fault, the GDC system will automatically detect it and inform you with an alarm.



High Current Alarm



Current Imbalance Alarm

