

ACCC InfoCore® System

Verify With Confidence. Deliver With Certainty.

The ACCC InfoCore® System is a cutting-edge, widely deployed solution that empowers utilities and contractors to verify the integrity of the ACCC® Conductor core at any stage, during handling, installation, or post-installation. Powered by embedded fiber optics, the system delivers rapid, precise confirmation of core integrity within minutes, supporting faster decisions and enhanced safety.

Whether you're commissioning new lines, responding to events like wildfires or mechanical impacts, or conducting routine maintenance, the InfoCore® System gives you the confidence to operate more safely, efficiently, and with reduced risk, across the full life of the line.

Key Benefits

Comprehensive Verification

Confirms conductor core integrity during handling, installation, and even after energization.

Real-Time Results

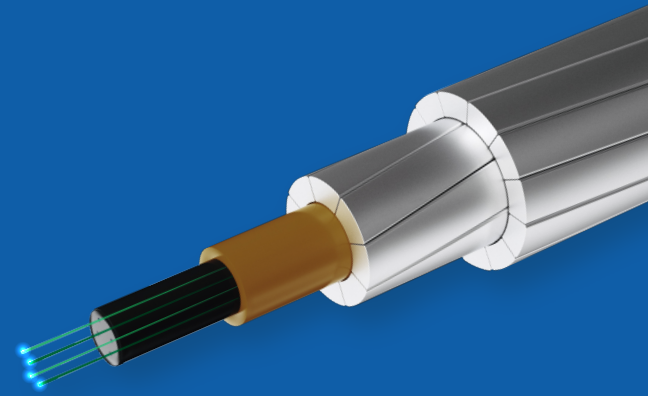
Delivers clear, real-time results on core integrity, reducing delays and eliminating uncertainty

Digital Tracking

Enables traceability of confirmation results from manufacturing through final installation. Test results are stored in a cloud database to improve traceability

Faster Identification and Reduced Risks

Quickly identifying verified reels avoids delays, eases installation, and keeps projects on track. Using verified reels lowers risks, improves reliability, enhances safety, and prevents disruptions. This approach minimizes failures, reduces maintenance costs, and decreases emergency repairs.



Fiber Optics

Embedded optical fibers enable confirmation of core integrity.



Hardware

Specially designed to allow for easy inspection anytime during the life of the product



InfoCore® Cloud

Enables users to view project data and create reports anytime, anywhere.

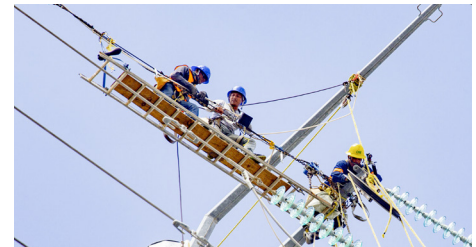


Equipment

Confirmation kit uses tools to inspect the core and capture core images.

How It Works

- 1 Prep the Ends:** Use the InfoCore® Kit to prepare the ends of the ACCC® Conductor.
- 2 Attach the Transmitter:** Connect the transmitter (light source) to one end of the conductor.
- 3 Attach the Receiver:** Connect the receiver to the other end of the conductor.
- 4 Display Results:** Use the controller to receive and display results and upload test data in seconds.
- 5 Store Data in Cloud:** Test results are stored in a cloud database to support traceability.



Case Studies

Elia upgraded the Massenhoven-Meerhout-Van Eyck (MMVE) high-voltage transmission line in Belgium using ACCC® Conductor to enhance capacity. The ACCC InfoCore® System verified the conductor's core integrity, ensuring successful and reliable installation. This system provided a quick, safe, and cost-effective inspection method, ideal for the fast-paced field environment.

We have tested InfoCore many times over the last two years, and we are seeing real-world results that indicate this solution is quick and reliable.

- Jean Francois Goffinet (Senior Expert – Elia)

Installation Location: ELIA-LW BAEKE Site

Solution: ACCC® Arlington Conductor



Circuit Kilometers	Double Circuit	Installation Confirmations	Confirmation Results
197 km	380kV	29	PASS