LATEST RELEASE · OCTOBER 27, 2026

MOTION AMPLIFICATION® SOFTWARE 5.2

From piping capture to confident action.

RDI's biggest software release yet: a purpose-built piping workflow for IRIS aONE™, true-distance measurement, and evidence that's easier to share, on IRIS aONE™ and IRIS M™.



50% FASTER SOFTWARE*
Compared with v5.1

01 · IRIS aONE™ ONLY
Piping workflow
Purpose-built piping acquisition and alarm visualization, based on Energy Institute guidance.

02
Linear depth calculation
Every point on a receding asset is calibrated at its own distance.

03
Off-center correction
Accurate measurement wherever the asset sits in the frame.

04
Named multi-distance markers
Set up once. Markers stay with the recording through edits and Motion Explorer™.

05
Modal windowing
Focus impact-test analysis on the event span that matters.

06
ROIs in GIFs & reports
Measured regions stay visible in every finding you share.

*Compared with v5.1 in RDI internal testing. Actual results vary with recording size, hardware, and workflow.

INNOVATION TIMELINE

A DECADE OF SEEING THE UNSEEN.

Since 2016, every release has pushed Motion Amplification® further: from the first displacement measurements to AI-powered asset detection and piping alarm workflows.

2026 · 2025 · 2024 · 2023 · 2022 · 2021 · 2020 · 2019 · 2018 · 2017 · 2016

◆ Bold with a gold marker = new product or platform launch

2026

The AI era: IRIS aONE™ and TrueSight™



— JANUARY
- **IRIS aONE™ Platform**
- **TrueSight™ Software**
- **IRIS MA™ Camera**

— JUNE
- 5.1 Software Release
- IRIS MA™ Native Support in Modal Amplified™
- Faster Modal Setup & Customer-Ready Deliverables

— FEBRUARY
- 5.0 Software Release
- AI-Powered Asset Detection
- Stoplight-style Severity Alerts

— OCTOBER · NEW
- **5.2 Software Release**
- Piping Workflow for IRIS aONE™
- Linear Depth Calculation
- Off-Center Measurement Correction
- Named Multi-Distance Markers
- Modal Windowing Optimization
- ROIs Retained in GIFs & Reports
- 50% Faster than v5.1*

2025

Built for hazardous areas



— JUNE
- **IRIS CM™ Oil & Gas**
- C102 Certified
- Multi-system Synchronization
- 24/7 Monitoring

— DECEMBER
- 4.2 Software Release
- Automatic Distance Measurement
- Automatic GIF Creation
- Precise Video Cropping

2024

IRIS Edge™ and the new IRIS MX™



— FEBRUARY
- **IRIS Edge™ Released**
- MQTT Support for IRIS CM™ Released

— DECEMBER
- 3.9 Software Released
- Object Identification
- Calibrated Motion Maps
- Auto Filter to HDR

— SEPTEMBER
- **The New IRIS MX™ Released**
- **Fastec HSSI & HS7i Released**
- Enhanced Workflow & Flexible Deployment
- Portability for Data Collection

2023

Modal Amplified™ arrives



— FEBRUARY
- **Modal Amplified™ Released**
- Modal Testing for Motion Amplification®

— JULY
- **IRIS Explorer™ Released**
- **Mission Explorer Released**

— JUNE
- Autosave of Playback Content
- Audio Editor Released

— SEPTEMBER
- Route-Based Data Collection Released
- Camera Overlay Mode Released
- Zoom Box Annotations
- Title Slide as a Template

2022

Stereo vision and IRIS M™ Traveler



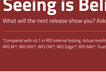
— FEBRUARY
- **2-Camera IRIS CM™ Released**

— SEPTEMBER
- **IRIS M™ + Stereo Vision Released**
- Specify X or Y Component of Motion Vector
- Vectors for Horizontal and Vertical Shaft Measurements
- Build Waterfall Spectrum
- Export Data from All Displayed ROIs
- Create Multiple ROIs, Then Calculate All at Once

— JULY
- IRIS CM™ External Network Drive Sync
- **IRIS M™ Traveler Released**
- Tablet Mode in Motion Amplification® and Acquisition

2021

Color, laser tach and phase maps



— APRIL
- Color Camera Addition
- Laser Tach Integration
- Cutting Edge Image Stabilization
- New Annotations: Logo, Ruler, and Protractor
- Difference Plots
- GIF Support in Motion Amplification®
- Phase Map
- Audio Annotations

— SEPTEMBER
- **IRIS M™ Acquisition Assistant™**
- Historical Data Analysis in Motion Amplification®
- IRIS CM™ Measurement Historization
- IRIS CM™ Complex Triggers

2020

Live and transient amplification

— MARCH
- Transient Region of Interest
- Transient Motion Amplification®
- Live Motion Amplification®
- Motion Map
- Motion Vectors

— OCTOBER
- Long Term Acquisition
- General Dynamic Sensor Support for the IRIS CM™

— AUGUST
- Export to Single File (Compression)
- Photron and Phantom High-Speed Camera Support
- Triggered Recordings
- Thresholding
- Transient Path and Detail Plots
- HDR Filtering
- Multiple ROI and X/Y Filtering

2019

IRIS MX™ and IRIS CM™ launch

— JANUARY
- **High-Speed Camera Released as the IRIS MX™**

— DECEMBER
- **IRIS CM™ Continuous Monitoring System Released**

— JULY
- Batch Amplification of Data
- Shaft Speed Detection
- Shaft Inspection Tool
- Configurable Export Options
- Calculate and Display Relative Phase
- Shaft Edge Calculations

2018

Motion Studio and richer exports

— MAY
- Bulk Filter Recordings
- Dynamic FFT Update

— SEPTEMBER
- **Motion Studio**
- Move Robust 94% Export
- Video Annotations

2017

Orbits, filtering and Motion Explorer

— MARCH
- Stabilization

— JUNE
- Frequency-Based Filtering

— MAY
- Orbit Plots

— DECEMBER
- **Motion Explorer**
- Multiple Distance Measurements in Acquisition
- Region-Based Motion Amplification®

2016

Where it began

— SEPTEMBER
- RDI Acquisition
- **Motion Amplification®**

— DECEMBER
- Displacement Measurement
- Frequency and Time Waveforms

Seeing is Believing.

What will the next release show you? Ask for a demo on your own equipment.

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*Compared with v5.1 in RDI internal testing. Actual results vary with recording size, hardware, and workflow. Motion Amplification® is a registered trademark of RDI Technologies. IRIS aONE™, IRIS M™, IRIS MA™, IRIS CM™, IRIS Edge™, IRIS MX™, TrueSight™, Modal Amplified™ and Motion Explorer™ are trademarks of RDI Technologies.