High Availability & Disaster Recovery for Instrument Manager

Safeguard your lab with always-on continuity

Your lab is under pressure to produce more results more quickly. With all the demand, labs can't afford the negative productivity impact caused by an unexpected outage - or the risk of delays to patients. With Instrument Manager at the nexus of your lab operations, you're already building on a highly reliable, proven foundation. But even then, rare hardware or software issues can arise and site disasters can occur. Data Innovations can help you anticipate and recover from them.

With High Availability & Disaster Recovery for Instrument Manager, labs can avoid the cost and worry of lab downtime. High Availability & Disaster Recovery work together to ensure that if an outage or downtime occurs - whether due to smaller common issues (e.g. hardware failure or anticipated hardware patches) or large catastrophic ones (e.g. natural disaster) - labs can maintain seamless operations and recover quickly, with minimal demands placed on IT.

Why High Availability & Disaster Recovery?

1. **Seamless operations with hands-off reliability for onsite failover**
2. **Complete data confidence and rapid recovery with offsite Disaster Recovery**
3. **Reduced IT management demands with automatic failover and one-touch DR activation**

Understanding High Availability for Instrument Manager

High Availability for Instrument Manager helps your lab move toward a goal of 99.99% availability. It ensures seamless operations on the rare occasion that an outage does occur, typically due to hardware, power, or software issues. And, it can help you conduct planned hardware maintenance without downtime. Virtually instant, onsite failover minimizes or eliminates lab disruption, and protects productivity.

- **Hands-off reliability:** Instant failover keeps your lab's operations running smoothly. When it takes place, failover is almost imperceptible to lab staff, allowing them to continue working without interruption. Automatic detection of system failure detects outages the moment they happen.
- **Zero-touch effort:** Automated failover reduces (or eliminates) demands on your IT organization. If Instrument Manager detects an issue, the system will failover with no intervention required. Because the systems are perfectly mirrored, your on-site back-up environment seamlessly takes-over as your primary environment.

- **Real-time notifications:** Easily configured notifications alert IT staff as soon as an issue has occurred. Notifications can be delivered across multiple channels, including email, pop-up, text, or lightpole, so IT can identify and resolve the issue as needed.

Understanding Disaster Recovery for Instrument Manager

No one likes to think about the likelihood of a natural or other disaster. But, they can happen.

With offsite Disaster Recovery in place, it's easy – and comforting – to plan ahead. Disaster Recovery for Instrument Manager protects your lab's operations and data in the event of a major catastrophe. You'll accelerate your recovery so you can get your lab up-and-running as soon as possible.

- **True DR across multiple sites:** With continuous mirroring across multiple physical sites, you'll be able to maintain or quickly resume mission-critical lab operations following a disaster
- **One-touch activation:** Activate your secondary mirrored site quickly and simply with only minimal, one-touch IT intervention
- **Eliminate risk of data gaps:** Data loss is, at best, difficult and time-consuming to recover from. At worst, results can be lost and re-work is required. With Disaster Recovery across multiple sites, your data will always be complete and ready when you need it.

Ready to safeguard your lab with confident continuity? Learn more about High Availability & Disaster Recovery.

Contact Us

Key Benefits

Comprehensive continuity for small and large issues

Automated failover for High Availability and one-touch activation for Disaster Recovery

Real-time, multi-channel notifications to IT and affected users