



THE POWER  
OF PROOF

# OpenLAB ELN and AbsoluteProof: *Strengthening ELN Content Integrity Protection*

## Integrated Solution Overview

### Protect Your Intellectual Property | Legally Defend its Authenticity

Bringing a new healthcare product, drug treatment or food additive to market can mean an investment of many years and millions of dollars for a bio-sciences or pharmaceutical organization. Lab automation technologies and electronic tracking systems are taking the Bio-R&D world by storm - streamlining research and driving discoveries and new-product development like never before.

At the same time, they are generating massive amounts of R&D data, records and audit logs - electronic evidence of intellectual property that one day could be called upon to support claims of first-to-invent and ownership. Unfortunately, if just one of these electronic records has been tampered with, or even stolen, the entire investment could be lost.

Now more than ever, you require the *power to prove* that your electronic lab content and ownership are authentic. You need data integrity protection built into your ELN; you need AbsoluteProof from Surety, now integrated into the OpenLAB ELN from Agilent Technologies.



### Let Scientists Practice Science...Leave the "Witnessing" to Us

With AbsoluteProof integrated into the OpenLAB ELN, a legally defensible, digital time stamp is applied to your most valuable asset - your electronic intellectual property. As a result, the integrity of your electronic research content is beyond challenge, eliminating the burden and time scientists experience having to "sign" and witness volumes of ELN pages and freeing them up to do what they do best - research, discover and create.

- **Trusted time stamp** - AbsoluteProof provides independent, third-party validation of the date and time of generation of any electronic record.
- **Authentic content** - AbsoluteProof lets you easily identify records that have been altered at any stage of custody within a research workflow, even as it flows outside of your organization.

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[www.surety.com](http://www.surety.com)

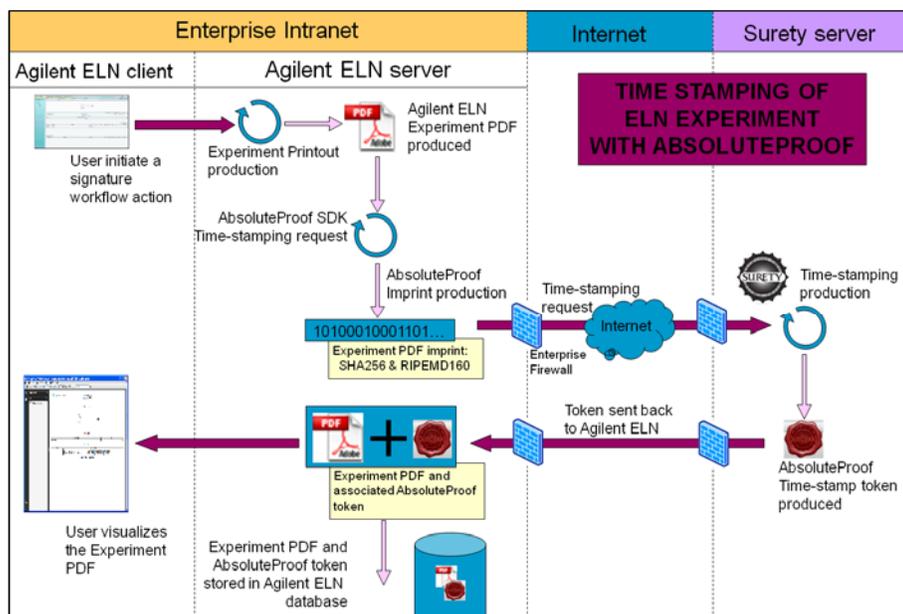


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## Integrated Solution Delivers Enhanced Benefits

Together, AbsoluteProof & OpenLAB ELN:

- Digitally “seals” ELN content, safeguarding intellectual property data
- Improves productivity of research teams
- Guarantees trustworthy records and content
- Enables legally defensible proof of authenticity and ownership
- Delivers long-lasting ELN content protection
- Enables flexible workflow processes, completely transparent to users
- Mitigates risk and provides proof of compliance.



*AbsoluteProof can be inserted into any part of the ELN experiment workflow*

## Collaborate, Develop, and Share Securely

OpenLAB ELN is easy to install and deploy. Because the thin client is quickly accessed by scientists from Internet Explorer, there's no waiting for IT to install it on every desktop computer - which reduces your total cost of ownership and means you can be up and running in just a few days.

With the ability to easily accommodate special requirements by extensibility at various levels, OpenLAB ELN provides a rich environment for creating and capturing experimental information from a wide variety of research environments including Synthetic and Analytical Chemistry, Biology and others.

An Internet service itself, AbsoluteProof integrates elegantly into Agilent's web-based platform, delivering transparent assurance of the long-term protection of the integrity and authenticity of your ELN content. When research team members create, change or witness a document, it is automatically “sealed,” and the work is not interrupted or slowed.

AbsoluteProof delivers independent, cryptographic proof that your research was created at a specific point in time...that the contents have not changed since that time...and that it is rightfully owned by your organization.

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## Content Authenticity | Protection for the Long Term

R&D-oriented organizations must preserve their records between 15 and 100 years. At any moment, you might be called upon to verify the integrity of every record or audit log in defense of a product liability investigation or patent. Losing that claim could cost millions or even the business's existence.

As a result, you must be able to validate the authenticity of your research records years - or even decades - after their creation. That's where OpenLAB ELN and AbsoluteProof come in.

Unlike digital signatures that expire over time or have keys that can be comprised, thus weakening your defensibility, only the Surety Integrity Seal, a digital, cryptographic time stamp, provides evidence of data integrity and authenticity - for the life of the content.

### Legally Defensible Proof of Authenticity

Electronic lab content time stamped by AbsoluteProof qualifies for Surety's Legal Defensibility Guarantee, a service backed by a leading international litigation support firm, designed to give customers confidence that their "sealed" ELN content will withstand the most vigorous legal scrutiny. Under the guarantee, customers receive access to sworn affidavits and expert witness testimony to the quality of the underlying technology, confirming that the Seals provided by the AbsoluteProof service are authentic and have not been compromised, as well as a money-back guarantee should a federal, state or local court in any jurisdiction render a final and non-appealable decision that Surety has not been able to satisfy its claims.



Where similar digital solutions like digital signatures expire over time, digital time stamps are persistent and can be stored for as long as necessary to meet regulations or defend authenticity into the future.



The screenshot shows the 'Integrity Check' window in the Kalabre ELN Administration interface. A modal dialog box titled 'Experiment seal checking using Surety's AbsoluteProof' is open, displaying the following information:

- Experiment code: M-OD-00017
- Time Stamp: 11-SEP-2009 02:59:26 PM CEST
- Validity: Time and contents are valid.

Below the dialog, a table lists the results of the integrity checks for various experiments:

Exp. Code	Status	Date	OK?	AbsoluteProof
3 M-JD-000001	Validated	20-AUG-2009	✓	No Seal
4 M-OD-000012	InReview	20-AUG-2009	✓	No Seal
5 M-OD-000016	InReview	20-AUG-2009	✓	No Seal
1 M-DR-000017	InReview	08-SEP-2009	✓	Valid
8 M-DR-000033	InReview	08-SEP-2009	✓	Valid
9 M-FB-000001	InReview	09-SEP-2009	✓	Valid
6 M-OD-000017	InReview	11-SEP-2009	✓	Valid
7 M-OD-000017	Validated	11-SEP-2009	✓	Valid

At the bottom of the interface, an 'Exported Files' section shows a file named 'Part\_1\_from\_1\_to\_9.zip' with a status of 'OK? ✓'.

*AbsoluteProof is integrated seamlessly into the OpenLAB ELN platform, making it transparent to the user so they can focus on their research and studies.*

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## About AbsoluteProof Data Integrity Protection Service

With millions of electronic records and files worldwide “sealed” by its service, Surety is a leading provider of data integrity protection solutions. Surety’s AbsoluteProof digital time-stamp service can mitigate risk, create significant business value, and defend the integrity and authenticity of electronic lab notebook content and other valuable intellectual property data.

AbsoluteProof ensures against content tampering by providing a “digital wax seal” for all types of electronically stored content. Backed by a legal defensibility guarantee, AbsoluteProof ensures that electronic records, files, documents and other digital content sealed using the AbsoluteProof service will withstand the toughest legal scrutiny.

To learn more about how Surety’s AbsoluteProof Data Integrity Protection service can help you protect the integrity and legally defend the authenticity of your electronic content assets, visit [www.surety.com](http://www.surety.com).

For more information about OpenLAB ELN, visit [www.agilent.com](http://www.agilent.com).



*Think of us as the modern-day “Digital Wax Seal”*

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