*Take care of your software.*
*Protect your valuable data*
*from digital obsolescence*

**INTACT DIGITAL**

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# INTACT Software Library

INTACT Software Library is a software hosting platform with a comprehensive set of services for installing and validating software installations to ensure secure and reliable use of legacy software and long-term readability of data.

INTACT Software Library supports a wide range of use scenarios, from hosting stable computing environments to facilitate long-term research collaborations to meeting regulatory requirements on data retention and reproducibility of past data analyses.

*Intact Digital is the first company to offer an end-to-end solution for legacy software use. We employ state-of-the-art virtualization and remote access technologies to provide you with a safe, reliable and convenient use of legacy software installations from your modern devices. Your software is always ready for you to use.*

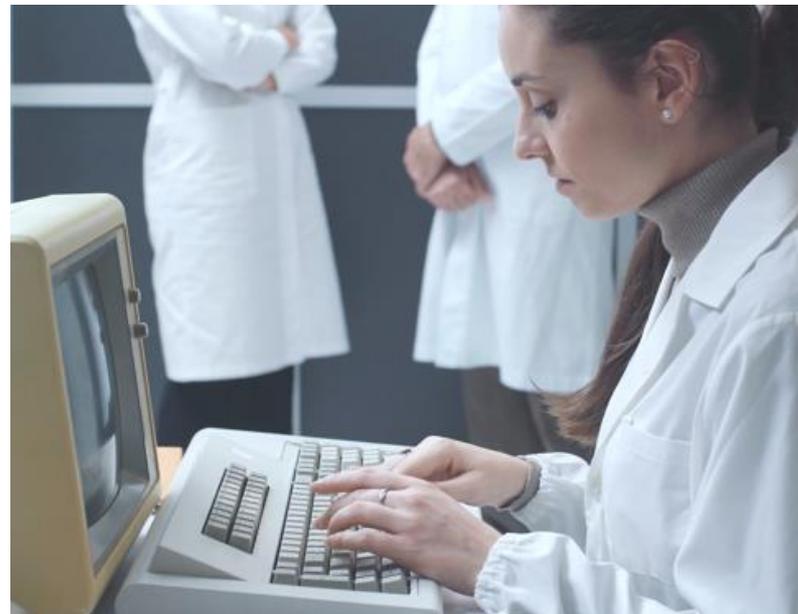# Long-term data readability with INTACT Software Library

As the pace of innovation and adoption of digital technologies continues to increase so does the threat of digital obsolescence.

Outdated file formats, hardware, analytical instruments, and software make it difficult to access and read archived data, causing decades of important research to become inaccessible to future generations. In particular, we lose ability to validate scientific results from data stored in the original form that must stay unaltered and requires specialty software to be viewed and analyzed.

*Software is needed for as long as the data is retained. Without software, data files cannot be opened and digital data cannot be read, processed, and interpreted.*

Every lab working in pharma and bio-pharma discovery, clinical diagnostics or life science research produces data that needs to be accessible and readable for decades, beyond the market lifetime of software, hardware and analytical instruments. Regulations on data retention and data integrity require long-term access to data and reproducibility of studies. That is unattainable without an ongoing and systematic management of legacy software.
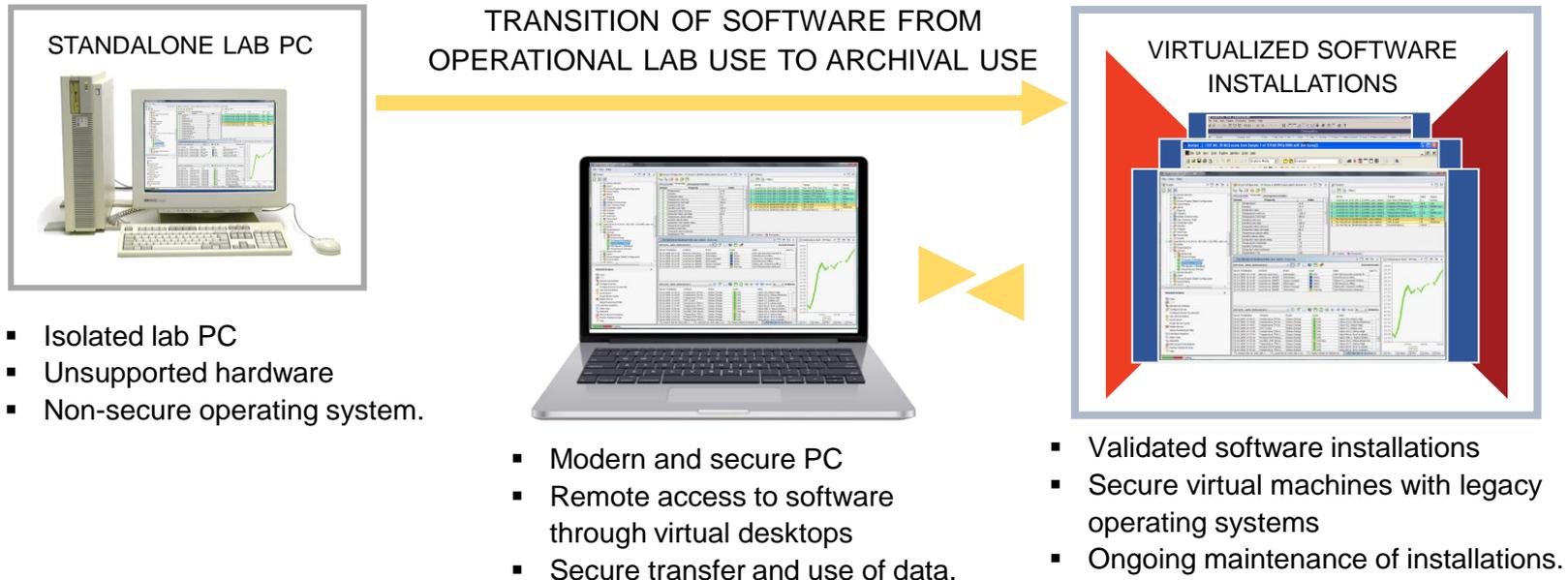
*INTACT Software Library platform and services ensure that your legacy software installations are validated and compliant with regulations and that your data is readable and usable for as long as you need.*

# From obsolete PCs to secure and reliable legacy software installations

INTACT Software Library provides a platform and services for installing, validating, and hosting software installations needed for long-term readability and use of data. It reduces the risks associated with your old PCs and old software installations. In particular, it eliminates problems with old hardware failures and potential security breeches due to unsupported operating systems.

INTACT Software Library hosts legacy software in its secure data center, providing ready-to-use and validated 'readers' for your data and enabling reliable reconstruction of past studies.

*Intact Digital applies state-of-the-art virtualization techniques and remote access technologies to provide users with a reliable and convenient use of software installations with archived data through secure virtual desktops.*

STANDALONE LAB PC

TRANSITION OF SOFTWARE FROM OPERATIONAL LAB USE TO ARCHIVAL USE

VIRTUALIZED SOFTWARE INSTALLATIONS

- Isolated lab PC
- Unsupported hardware
- Non-secure operating system.

- Modern and secure PC
- Remote access to software through virtual desktops
- Secure transfer and use of data.

- Validated software installations
- Secure virtual machines with legacy operating systems
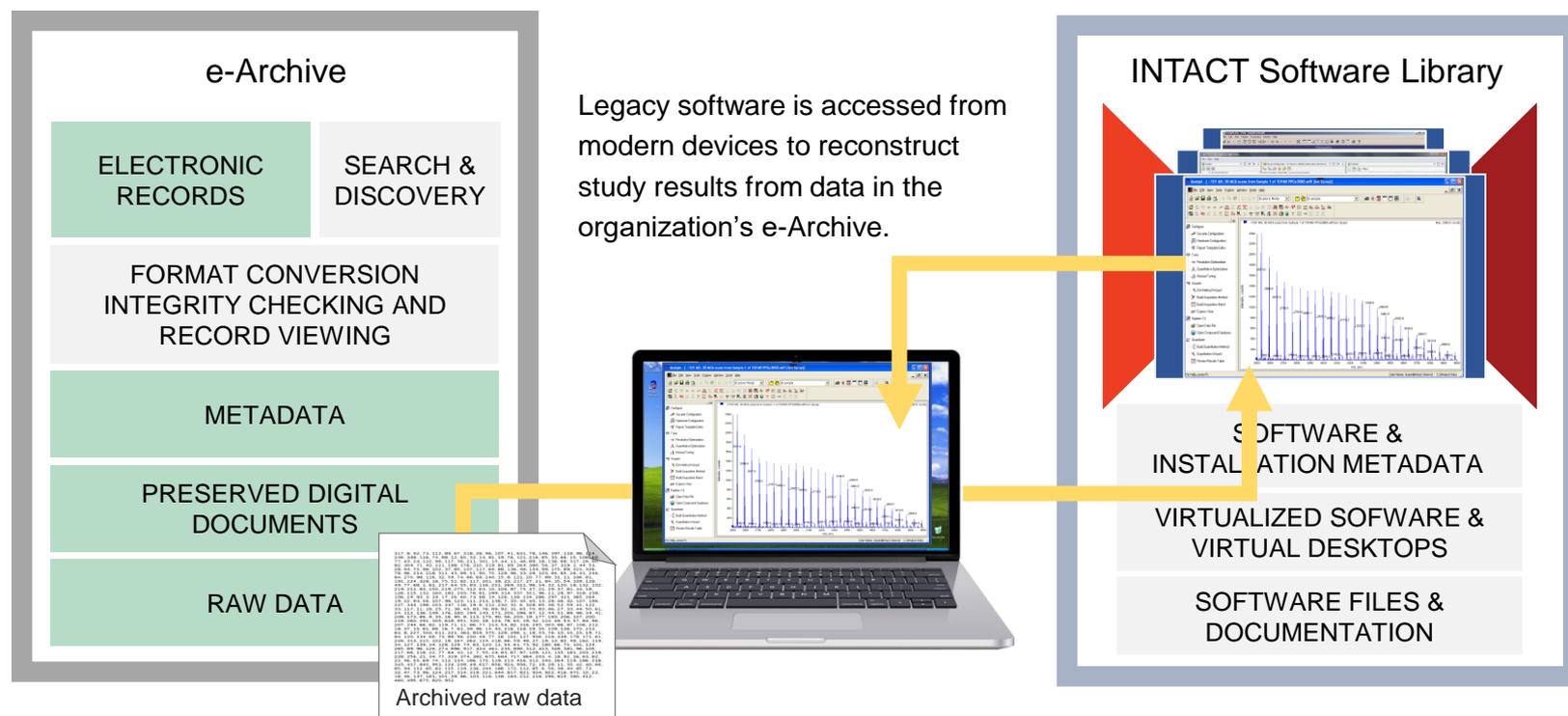- Ongoing maintenance of installations.

# Secure use of archived data with virtualized software installations

INTACT Software Library complements electronic data archives.

A copy of archived study data is securely transferred to the Software Library for temporary use with a specified and validated software installation. The original archived data stays unchanged and unaffected by the study reconstruction process. The used data copy is removed from the Software Library when the task is completed.

*INTACT Software Library supports secure transfer of data for use with virtualized and validated software installations.*

## e-Archive

ELECTRONIC RECORDS

SEARCH & DISCOVERY

FORMAT CONVERSION INTEGRITY CHECKING AND RECORD VIEWING

METADATA

PRESERVED DIGITAL DOCUMENTS

RAW DATA

Archived raw data

Legacy software is accessed from modern devices to reconstruct study results from data in the organization's e-Archive.

## INTACT Software Library

SOFTWARE & INSTALLATION METADATA

VIRTUALIZED SOFWARE & VIRTUAL DESKTOPS
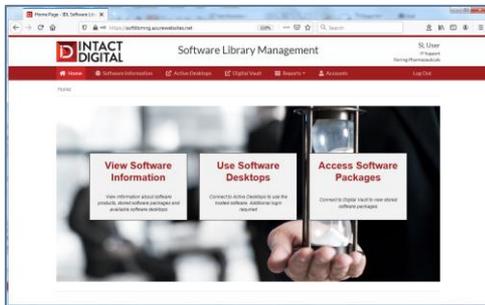
SOFTWARE FILES & DOCUMENTATION

# INTACT Software Library components

INTACT Software Library is an effective solution for managing software installations, particularly decommissioned software that requires extra care due to security issues. It is designed to keep safe the software installers and executables, installation and user guides, and stored virtual installations.

INTACT Software Library comprises three key components: the Management Portal, the Software Library Portal, and the Digital Vault which cover all aspects of software hosting, usage, monitoring, and reporting.

*INTACT Software Library is a complete end-to-end solution for the management and long-term use of secure legacy software installation*
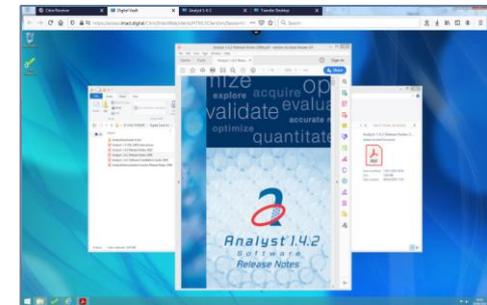


### Software Library Management portal

- Organizational account management
- User account management
- Software registration records
- Service reports
- Usage reports.



### Software Library portal

- Validated software installations, accessible through virtual desktops
- Transfer Desktop for transferring data
- Software installation console
- Software Validation Desktop for testing and test documentation
- Digital Vault Desktop with read-only access to the Digital Vault content.



### Digital Vault

- Deep storage of software files and vendor documentation
- Storage of software installation images, test data and test scripts
- Integrity checks of stored files and documentation

*Digital Vault is not directly accessible to end users. A read-only version can be viewed through the Digital Vault Desktop.*

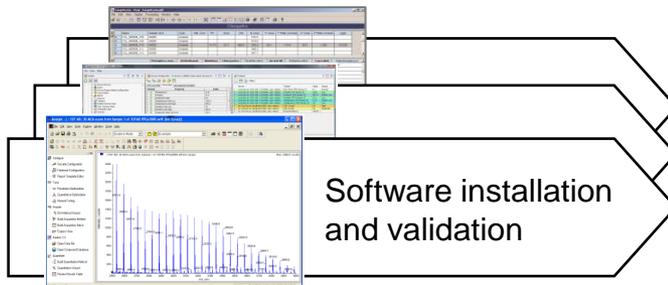# INTACT Software Library set-up and subscription

INTACT Software Library set-up procedure is standardized and informed by requirements for regulatory compliance. It involves

**1** One-off set-up of the INTACT Software Library components

**2** Scheduled installations and validation of specific software

**3** Ongoing maintenance and use of software installations by subscribed users.

New users are added to the subscription with permissions to use specific software and perform specific tasks through pre-configured virtual desktops.

*Your organization may have specific legacy software needs. Contact us at contact@intact.digital. We provide free initial consultation with a demo. A free trial account can be arranged.*
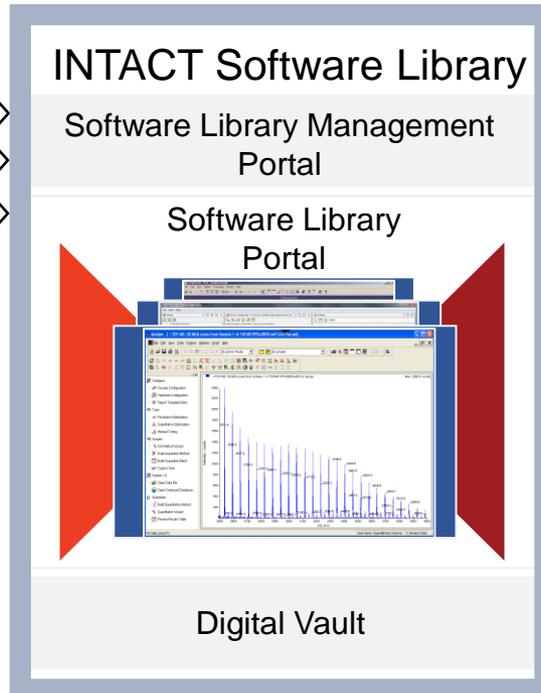
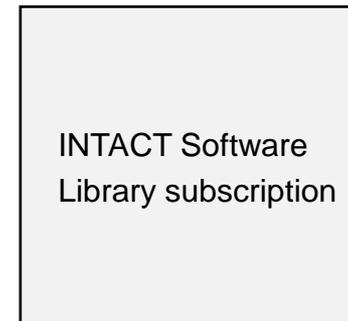*Software Library specifications and set-up. Duration: 2-4 weeks.* **1**

### INTACT Software Library

Software Library Management Portal

Software installation and validation

Software Library Portal

**3** *Ongoing subscription. Flexible subscription plans.*

**2** *Repeated activities: Adding new software to the Software Library. Duration: 3-4 weeks for a standard installation.*

INTACT Software Library subscription

Phase 1: Software risk and feasibility assessment. Defining (IQ/OQ/PQ) and SOP procedures for virtualized installations.

Phase 2: Software virtualization. Virtual desktop configuration. Installation testing and validation.

Digital Vault

Subscription includes a standard service plan. Premium service plans are available for specific regulatory compliance.

# Is INTACT Software Library right for you?

**INTACT DIGITAL**

Issues with legacy software appear across industries. Digital obsolescence affects all the businesses that use digital technologies to modernize and optimize their research, production, and operational processes.

INTACT Software Library is particularly well suited for managing technology obsolescence in highly regulated industries where:

▶ Regulations require software to be retained in a working condition for the lifetime of the business or the lifetime of a product designed or manufactured with the software.

▶ Software is needed to view and process archived data, with a guarantee that the same computation is applied and data analyses are reproducible.

▶ Failure to comply with regulations leads to high financial and reputational damages.

*With INTACT Software Library you will*

*Minimize impact of software obsolescence on your business.*

*Ensure compliance with regulatory requirements.*

*Increase organizational ability to transfer knowledge and insights.*

*Protect long term value of your digital assets and investment in software.*

*Reduce cost of innovation by easy access to past projects and data.*

*Manage risks from obsolete software effectively without increasing workload of your IT staff.*

# About us

INTACT DIGITAL LIMITED is a UK based Information Technology company. We are the first and the only company that provides an effective end-to-end solution for managing legacy software installations for long-term readability of data and reproducibility of data analysis. We offer a secure hosting platform and managed installations of legacy software by applying state-of-the-art technologies and best practices in software virtualization and remote software use.

Our services complement data archiving practices by providing software that is needed to view and use the data. We enable our customers to comply with regulations on data retention, data integrity, and reconstruction of past studies. Our specialty is in hosting software which requires unsupported operating systems that present security issues and requires a special care.

Intact Digital serves as a bridge between the technology users and the technology providers, ensuring long-term benefits for both, beyond the standard service agreements and software migration practices. By hosting functional software installations in our secure and reliable data center, we provide you with assurance that your software can be used beyond its market life time, for as long as you need it.

For more information visit: www.intact.digital