Illumina Proactive privacy and security statement

Remote instrument performance service that meets industry best practices and adheres to privacy and security requirements

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Cloud certification and attestations

Illumina Proactive integrates with the existing Illumina cloud infrastructure provided by Amazon Web Services (AWS). Secure access to data is managed using Illumina BaseSpace™ Sequence Hub, whose suite of cloud applications have achieved annual ISO 27001:2013 audit certification and Health Insurance Portability and Accountability Act (HIPAA) attestation (AT101). Illumina Proactive does not require a BaseSpace Sequence Hub account.

Privacy safeguards

- Illumina Proactive does not access or transfer any customer personally identifiable information or sensitive patient information contained within Illumina instruments

- Illumina Proactive uses a single command screen across all Illumina instruments providing consistent controls for the user, including the ability to:
  ◦ Enable or disable Illumina Proactive at any time
  ◦ Send instrument performance data only when instruments are enabled, and transfer instrument data in comma-delimited files to a secured Illumina AWS data warehouse

- Illumina Proactive has been designed and tested to ensure that the system does not access or store sensitive patient information, genomic data, or sample identifiers

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Security safeguards

- All data are encrypted "at rest" with Advanced Encryption System (AES)-256 and "in transit" through Transport Layer Security (TLS 1.2)

- Back up processes are tested annually and validated by third-party audit

- Full software regression testing is performed after new features have been added to make sure that the application performs as intended

- Additional security safeguards include, but are not limited to:

  ◦ Vulnerability/penetration testing
  ◦ Intrusion detection
  ◦ Privilege access management
  ◦ Antivirus
  ◦ Security patching

🔗 For more information, refer to the Data security with Illumina Proactive technical note

HIPAA

Illumina complies with HIPAA Rules requirements by implementing the procedures and policies necessary to meet the Privacy, Security, and Breach Notification Rules.

Illumina global privacy policy

Illumina is committed to responsible stewardship and ethical use of personal information in line with applicable global privacy laws.

Learn more in our Global Privacy Policy, www.illumina.com/company/legal/privacy.html