

Privacy Analytics Eclipse

Enabling personal information for secondary use is critical to driving innovation, deriving new insights and solving healthcare's most pressing challenges. **Privacy Analytics Eclipse** is an enterprise de-identification solution that enables organizations to safely share PHI for secondary use, while effectively minimizing the risk of re-identification. Moving beyond the limited value of Safe Harbor datasets, **Privacy Analytics Eclipse** enables analysts to preserve data quality and ensure compliance with global data privacy regulations.

Be Compliant With Confidence

Privacy regulations have evolved to meet patient expectations that their personal information is protected when used internally or shared with third parties for secondary use. **Privacy Analytics Eclipse** software provides sophisticated de-identification techniques developed by industry-recognized privacy experts. Built to comply with HIPAA's Expert Determination Method, **Privacy Analytics Eclipse** evaluates the data elements, determines the privacy risks, and applies the right level of de-identification for the context of the data release. This approach not only offers rich data for analytics but minimizes the risk of re-identification.

Privacy Analytics Eclipse provides a risk determination framework that can be used to improve data sharing agreements, data governance and security practices and operationalize an effective and consistent de-identification methodology.

Privacy Analytics Eclipse provides data managers with:

- An enterprise standard for de-identifying structured data for secondary use;
- Peer-reviewed, risk-based methodologies for determining risk thresholds and measuring the risk of re-identification; and,
- Automated compliance reporting to certify and provide confidence to the legal and privacy teams that the risks are statistically small and below the appropriate threshold.

Enable Analytics like Never Before

Architected on Apache Spark, **Privacy Analytics Eclipse** is built for scalability, flexibility and power. Using this software allows users to:

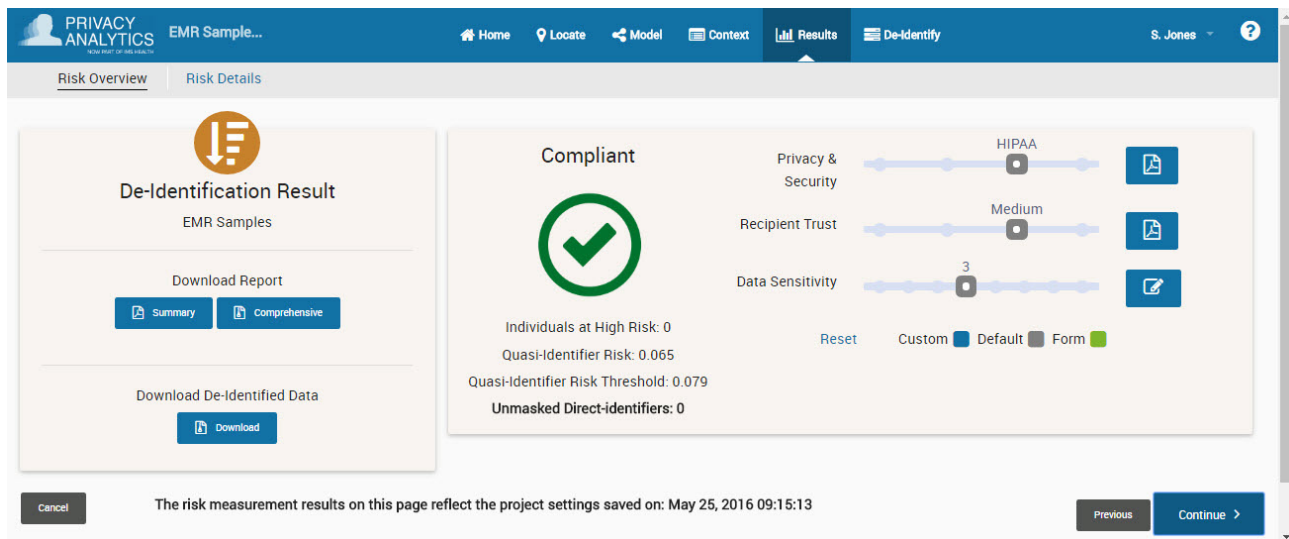
- Apply sophisticated de-identification techniques to transform the data in a way that will meet the established privacy risk threshold. Supported techniques include: FPE (format preserving encryption), pseudonymization, generalizations, patient-level date shifting, randomization, risk-based suppression and re-coding.
- Retain analytic value in the data by creating groupings of dates with the ability to preserve precise intervals and sequence information, day of the week or retain dates within a specified window of time to ensure valid results.

- Support time series analytics by creating a longitudinal individual record that preserves data formatting and ensures repeatable masking over time, as well as preserving sequence and interval information within the data given defined time-series boundaries.
- De-identify large datasets with billions of records quickly by leveraging the processing power of Apache Spark.
- Automate and integrate the rich functionality of **Privacy Analytics Eclipse** seamlessly with your own applications using supported REST API's.

Unlock Your Data Assets

Privacy Analytics Eclipse provides the capabilities required to unlock sensitive personal information for secondary purposes. Using a risk-based approach, data managers can safeguard personal information while creating highly valuable and realistic datasets. **Privacy Analytics Eclipse** enables data analysis professionals to leverage more data and ensure compliance with HIPAA and other legal requirements.

Privacy Analytics Eclipse is the industry's most comprehensive de-identification solution; the proven, responsible way to unlock sensitive health data.



Our risk-based de-identification software not only ensures quality data and minimal risk of re-identification, but it also generates audit reports for optimal compliance with regulators.

If you would like to learn more, please visit www.privacy-analytics.com