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IXUP achieves Five Safes data framework capability

- Supports the Office of the National Data Commissioner's data sharing principles
- Targets the $1.2 billion government IT and digital initiatives market[1]
- Extends IXUP's AI capability through better integration with other AI platforms

IXUP Limited (ASX: IXU) ("IXUP" or the **"Company")**, a technology company that secures data analytics using advanced encryption, today announced it has embedded the global Five Safes framework into its platform, broadening its services for the large enterprise and government services markets.

Alignment with the Office of the National Data Commissioner's data sharing principles positions IXUP at the forefront of data analytics services for the $1.2 billion Australian Commonwealth IT and digital initiatives market. This follows the Australian government's Digital Transformation Agency's Cloud Services Panel's recent decision to accredit IXUP as a pre-approved supplier for all levels of government.

Compliance with the Five Safes framework has already been embraced by government departments such as the Australian Bureau of Statistics and Australian Institute of Health and Welfare. The framework is expected to become mandatory for sharing public sector data when the Australian Government introduces legislation to safeguard consumers' data privacy.

The Five Safes framework (across projects, people, settings, data and output) enables data custodians to take steps that allow data to be shared while considering not only how data is treated, but also the manner and context in which it is released. IXUP's software allows users to select exactly how they control the encrypted data that they share, supporting IXUP's strategy to lead the secured data analytics market.

IXUP CEO Peter Leihn said: *"Governments worldwide are preparing to share 'big' public sector data with the private sector but need assurance that the privacy of individuals will not be compromised. IXUP's compliance with the Five Safes framework allows enterprises to effectively control risk while maximising the usefulness of the data that they release.*

"We have also strengthened the IXUP platform's data governance and encryption for data analytics to protect against cyber-threats. We believe that the disruptive capabilities provided by homomorphic encryption technology solutions such as the IXUP platform will play an integral role in helping government and industry to exploit the data-driven economy."

New enhancements support AI capability

Today IXUP also announced a range of new analytics and security enhancements. Following the release of the new embedded Five Safes framework capability, IXUP's platform now includes:

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[1] Australian Government Digital Transformation Agency, *Annual Report 2017-18*.

- **Contract specification and digital signatures:** these allow users to generate a printable PDF document that details the extent of data collaboration for review and sign off. Integration of DocuSign electronic signature management supports Two-Person Integrity (TPI) approvals for particularly sensitive collaborations.

- **Expanded Artificial Intelligence (AI) with protected compute:** a new feature allows users to perform unencrypted machine learning on data subsets and then re-use the results in an encrypted analytics environment. Protected Compute allows users to train machine learning models and other AI techniques, and leverage off-platform analytics without compromising PII data.

- **Probabilistic range filtering:** IXUP's platform can now match specific ranges of data, such as a set of transactions over a given time period. IXUP's probabilistic approach to matching allows users to set the confidence level they need while maximising the number of results.

- **Enhanced client-side processing:** new web-based encryption added to IXUP's desktop encryption engine helps SaaS users that don't want to download software to encrypt data on their systems. The IXUP Encryption Gateway provides a more integrated user experience with increased security.

IXUP CEO Peter Leihn said: "*Our software has been built for organisations which need a secured and highly sophisticated analytics environment. The latest features represent an important step toward improving the IXUP platform's artificial intelligence (AI) capabilities as they ensure that our product integrates very well with other AI platforms.*"

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About IXUP
IXUP Limited (pronounced 'eyes up') is a listed technology company (ASX: IXU) that secures data analytics and delivers insights within a governance framework. The platform encrypts and connects data from multiple sources, solving the problems of data loss and misuse by enabling data owners to remain in complete control of their data. IXUP was listed in 2017. For more information visit www.ixup.com