

# IQ Office

Alongside CNAR, Critchlow's comprehensive New Zealand dataset, IQ Office offers a complete, highly integrated solution to address and resolve information quality issues.

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Critchlow partners with Intech Solutions Pty Ltd (Intech) to offer the market-leading IQ Office™ suite of data quality solutions for business and enterprise.

By combining Intech's best-of-breed software and state-of-the-art matching algorithms with local knowledge and CNAR, Critchlow's comprehensive New Zealand address dataset, we offer a range of data quality services including address validation and geocoding with unparalleled performance, match rates, and accuracy.

IQ Office is a New Zealand Post SendRight™ certified suite of software for resolving information quality issues in complex, high-volume and multi-platform business environments. It provides data profiling, parsing and standardisation, record matching, de-duplication, address validation, and geocoding functionality all in an integrated set of components.

IQ Office based solutions include preparation of data for analytics, data transformation, person identity matching, and single entity view.

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## IQ Standardiser™

IQ Standardiser is a high-performance data transformation engine. It enables users to parse, validate, enhance, and standardise (transform) data of any type into a structure or format that conforms to external standards such as AS, NZS, ISO, or industry references, or your organisational standards. For example, users can validate and standardise data against Address Reference Files (ARFs) like Critchlow's CNAR to return geocodes such as latitude/longitude and mesh block code.

## IQ Matcher™

A high performance probabilistic record-matching engine, IQ Matcher partners data from multiple sources whilst detecting duplicate information within a data source. With IQ Matcher, large volumes of records can be matched, even where the data fields vary or contain disparate information such as misspellings, alias names, address variations, and other inconsistencies.

## IQ Rapid Address™

IQ Rapid Address is a deterministic address-matching engine that matches address data to an ARF. It is typically used to enable rapid and accurate point-of-entry data capture. In addition to address validation, it also has accurate geocoding capabilities.

## IQ Profiler™

IQ Profiler is a data discovery engine specifically designed for large volume datasets. Using IQ Profiler, a business analyst can examine large amounts of data and discover data structures, frequency distribution, and various data anomalies, all via a user-friendly interface. IQ Profiler lets a user define complex rules and examine the data for compliance.

## IQ Hosted Web Service™

Hosted by Intech, IQ Hosted Web Service is a convenient online service that is built upon the same IQ Office software Critchlow uses in-house. The IQ Hosted Web Service provides validation of postal, physical, and email addresses plus accurate geocoding. You can connect your users and your applications to this service using the functionally rich API.

All IQ Office components can be deployed individually or in combination to provide a solution that is tailored to each customer's unique requirements.

The ability to configure IQ Office to meet environment-specific conditions allows for an optimised solution in all cases.

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Critchlow enables organisations to **see, share and understand** information so they make the best business and operational decisions.

## Contact Critchlow

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