GROUND LABS

GETTING STARTED WITH GLASS Studio™

Getting started with custom data types just got easier with GLASS Studio™, an intuitive "no-code" interface enabling rapid development of custom data patterns.

Introducing GLASS Studio™

GLASS Technology™ is a proprietary language used to create the algorithms that underpin the industry-leading performance of Ground Labs' data discovery solutions.

Now, Ground Labs has made it easier to leverage the customization features of its products through GLASS Studio. GLASS Studio provides an intuitive interface for building custom data types enabling discovery of all proprietary and non-standard critical and sensitive data.

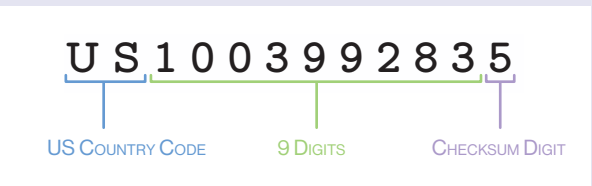
GLASS Studio is available at no additional cost for all Enterprise Recon PII and Enterprise Recon Pro users and is available at glass-studio.groundlabs.com.

Getting Started With Custom Data Types

Before you can create a custom data type using GLASS Studio, it is important to understand the building blocks of the data you want to discover. As long as your data includes one or more components with a consistent structure, GLASS can be programmed to discover it.

You'll need to break down the structure of your data into its separate parts. These are what you'll use to create your data pattern in GLASS Studio.

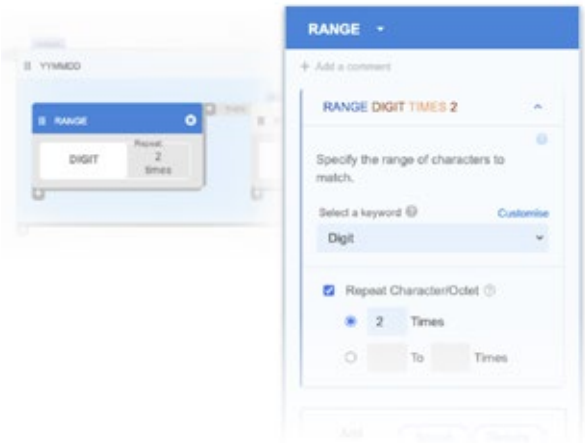
For example, a bespoke customer ID may include an element based on their location, a unique digit string and a checksum component.



Building Patterns in GLASS Studio

You can build custom patterns in GLASS Studio using either:

- **a code editor** or
- **guided visual builder**



A range of data pattern templates are included, or you can start from scratch.

The visual builder offers a no-code way to build and test custom data patterns, developing the pattern from the elements that make up your target data.

Most patterns are made up of RANGEs, WORDs and LISTs.

The elements of GLASS Studio data patterns

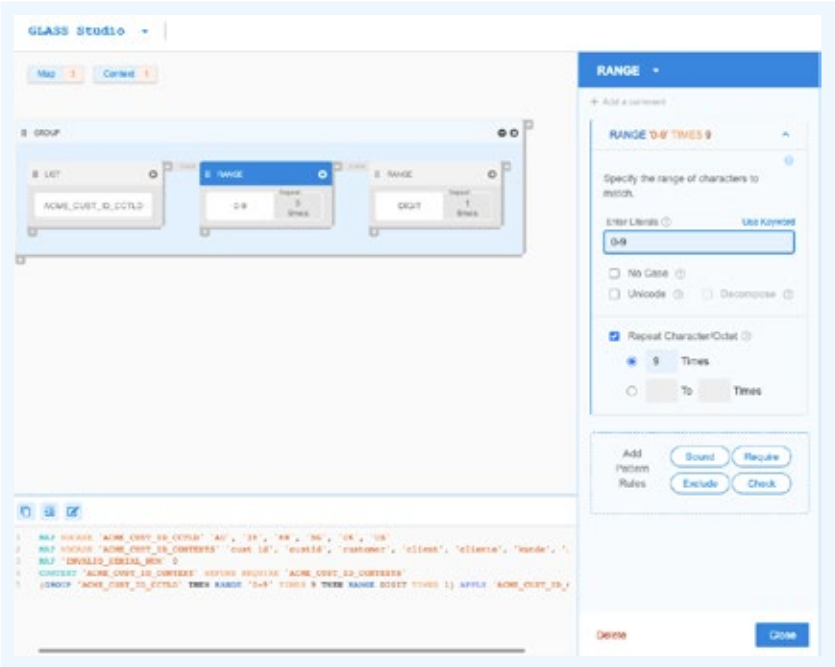
- Using the earlier example, the location code would be defined as a LIST.

In GLASS Studio, the list of possible location codes is added as a MAP.

- The 9-digit string would be defined as a RANGE, of any 9 digits between 000000000 and 999999999. RANGEs and LISTs can be alphabetical or numerical.
- In this example, the check digit is also defined as a RANGE, this time of a single digit.

Defining a range

- As you build your pattern, the code is automatically generated for you and displayed below the builder fields.



Refining Data Patterns

Once you've defined the basic elements of your data type, you can refine the data pattern to make it more accurate and report fewer false positives.

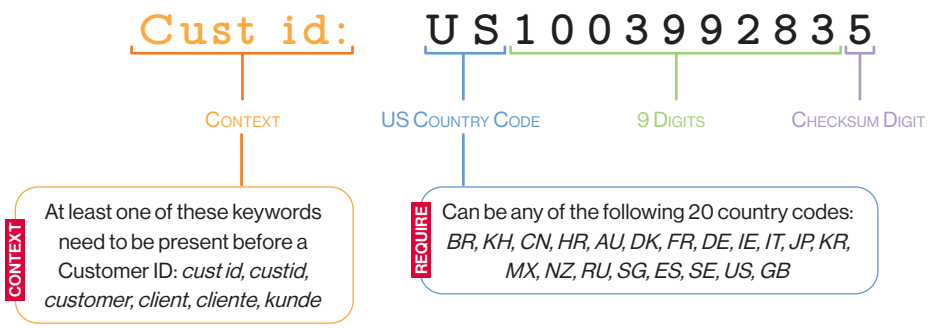
Among the features that make Enterprise Recon and GLASS so powerful is the range of methods it uses to limit false positives. GLASS Studio allows you to program these into your custom data patterns.

With GLASS Studio you can:

- **REQUIRE —** specify additional criteria a data element must satisfy to be a match
- **EXCLUDE —** exclude defined characters or strings
- **BOUND —** define content that must be located near a data element (before, after or surrounding) for it to be valid
- **CHECK —** verify potential matches using a check algorithm.

You can also take advantage of contextual information to improve data matches. Using the CONTEXT criteria, matches are only reported if they appear within the proximity of defined keywords.

For example, a customer ID will only be reported as such if it appears near the keywords "client" or "customer."



Validating Custom Patterns

Once you've created your data pattern, GLASS Studio provides an in-built test feature that allows you to validate your pattern against a known list of records to ensure all matches are identified correctly.

GLASS Studio also offers a manual identification feature for testing to help isolate any issues within your custom pattern.

This feature uses manually selected matches within the test set and compares it against data identified using the Studio-defined pattern. It explains any differences and highlights false positives and matches not found to help troubleshoot errors

Once testing is complete and you're happy that your data pattern is delivering the results you expect, you can copy the generated code and add it to your Enterprise Recon instance as a custom data type ready to perform your data discovery scan.

ENTERPRISE RECON

Enterprise Recon is Ground Labs' award-winning data discovery solution packaged with on-demand remediation and data management capabilities, providing organizations maximum visibility and control of their most valuable data assets.

Thanks to its advanced discovery engine powered by GLASS Technology™, Enterprise Recon delivers scanning at scale, with lower overheads, greater accuracy and fewer false positives than other products on the market.

Now with GLASS Studio™, Enterprise Recon supports rapid development of custom data types enabling discovery of all proprietary and non-standard critical and sensitive data.

Find out more at groundlabs.com/enterprise-recon ▶

GLASS Studio is available at no additional cost for all Enterprise Recon PII and Enterprise Recon Pro users.

GROUND LABS

Established in 2007 and trusted by more than 4,500 companies in 85 countries, Ground Labs offers award-winning data discovery and management solutions for all industry sectors.

www.groundlabs.com

CONTACT:

US	**+1 737 212 8111**
UK	**+44 203 137 9898**
Ireland	**+353 1 903 9162**
Australia	**+612 8459 7092**
Asia	**+65 3133 3133**
Email	**info@groundlabs.com**