

A Perfect Marriage:

1touch.io Inventa + IBM Security Guardium Data Protection

Bi-directional integration between two best-of-breed solutions means proactive security, significant risk reduction, and automated response.

Today's Challenges: No Visibility

CISOs, Information Risk professionals, and security analysts are fighting in the dark. They may know roughly where the invaders are coming from, and can throw more resources towards the potentially vulnerable areas, but are they always protecting the right assets?

From a protection standpoint, organizations are well equipped. There are great solutions for monitoring, access management and governance, encryption, tokenization, and key management, to list a few. They are all strong solutions to protect both the data element itself as well as the access points from machines and humans. However, a problem remains – what are these tools protecting?

Highlights



Deep, bi-directional CC between 1touch.io Inventa and Guardium Data Protection



Up to **30% risk reduction** through the integration from discovery of unknown datasets that require protecting



Answer the 4 core questions that dictate an efficient, risk-reducing data security posture



Classification accuracy at or above **96%** leads to greater usage of sensitive data intelligence to fuel business

There are a set of core questions that should be answered prior to deploying a protection solution:

- 1 What sensitive data do I have and where is it?
- 2 What sensitive data do I have that is protected?
- 3 What sensitive data do I have that is not protected?
- 4 What non-sensitive data is currently being protected?

These four questions are key in terms of prioritization: what should be protected in what order with limited resources...age-old problems that every IT professional encounters on a regular basis.

Sensitive Data Intelligence to the Rescue

The key to answering the four core questions is to have a granular, accurate and automated inventory for all data that enables decisionmakers to prioritize their actions.

Itouch.io Inventa is this single source of truth – a full scale discovery, classification and inventory for all the organization's data, with simple dashboards to visualize risk and prioritization. **Itouch.io Inventa** becomes the source of sensitive data intelligence that can be easily shared to other solutions to create a smart, efficient data security and privacy posture that is focused on what matter most – the business-critical data.

Itouch.io Inventa's approach is designed to remove humans from the loop to free them to focus on other tasks.

Starting at the network layer, **Itouch.io Inventa** begins to discover and classify sensitive data as it moves throughout the environment as a means of understanding where the sensitive data is resting. Once the network is mapped and it is clear where the data is sitting, then **Itouch.io Inventa** employs its scans – which are up to 96% accurate out of the box and 99%+ with minimal tuning – to start building the data inventory at both the data element and the repository level. Once the inventory is built, now **Itouch.io Inventa** can be the dashboarding tool to prioritize risk and protection as well as using it's open APIs and pre-built integrations to feed sensitive data intelligence to other mission critical tools to focus only on the data that matters the most.

Itouch.io Inventa helps security professionals answer four core questions:

- 1 What data do I have?
- 2 What data is sensitive?
- 3 Of the sensitive data, is it all protected?
- 4 Of the protected data, what is not sensitive and doesn't need to be protected?

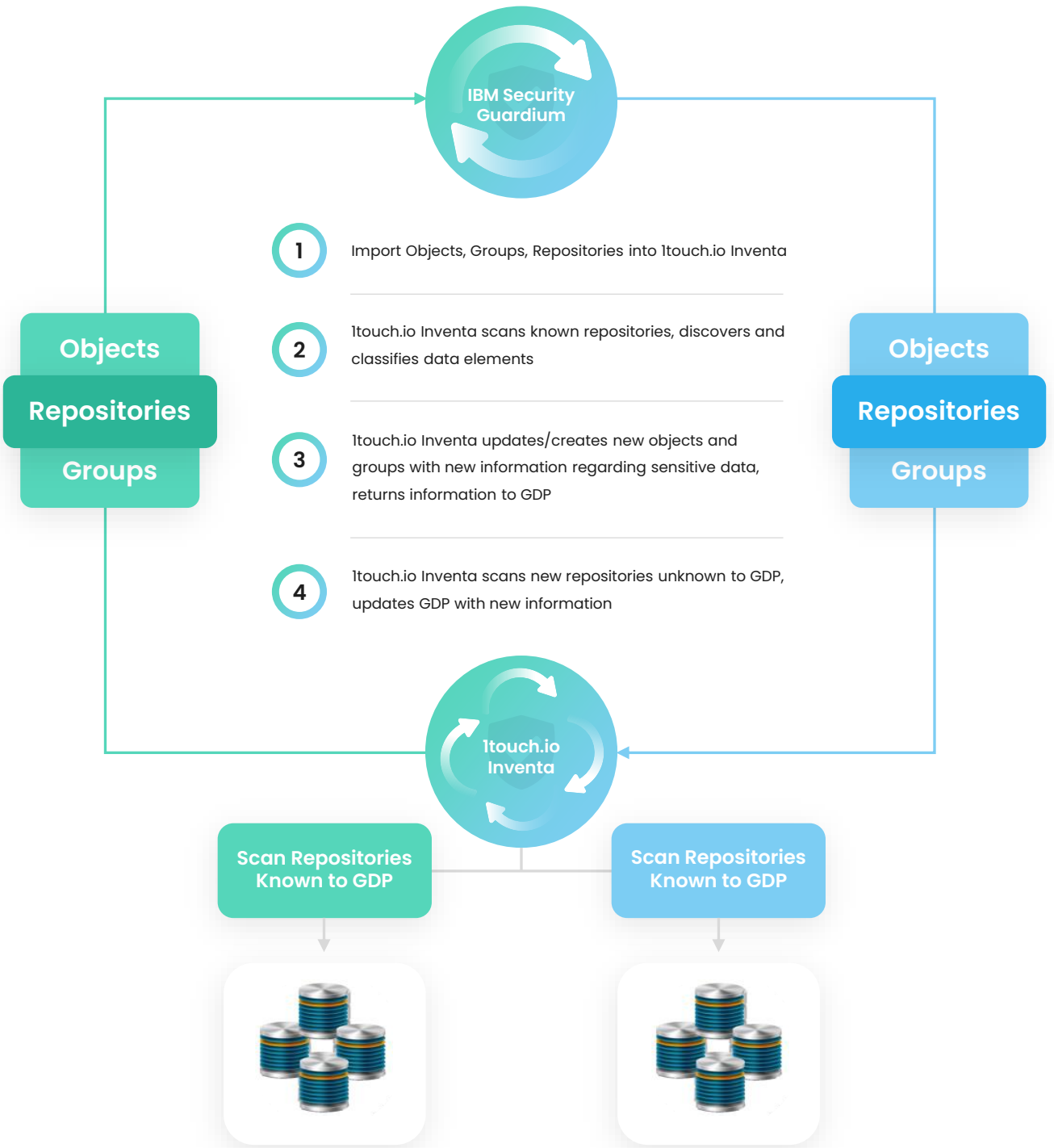
The Marriage – IBM Security Guardium Data Protection

IBM Security Guardium Data Protection (GDP) is the market leading data security platform that creates access governance rules and policies while monitoring all sensitive data in structured repositories and easily reporting on its findings. GDP is used by thousands or the largest organizations in the world to protect their crown jewels and it has been an authority in the industry for years.

As data explodes across on-prem, mainframe and cloud environments, new tools are required to keep up and ensure protection is applied to the correct data sets. In **Itouch.io Inventa** version 3.0, there is now a deep, bi-directional integration with GDP to provide GDP customers with sensitive data intelligence to ensure they're getting the most out of their GDP investment. GDP has classification capabilities built-into the solution for structured data, which uses Regex and keyword classification – two main methods of classification in any product. **Itouch.io Inventa** compliments that approach by also using Functions and Dictionaries in conjunction with AI/ML approaches

to classify not only at the schema or table but down into the field/record and actual data element. Similarly, **Itouch.io Inventa** provides classification for unstructured and semi-structured data, so it is a broader lens on data.

The integration is made up of four distinct steps, as outlined in the picture below. First, GDP passes **Itouch.io Inventa** information on existing objects, groups and repositories that it is aware of. From there, **Itouch.io Inventa** scans the known repositories to discover and classify the data elements in the known repositories. This is useful as a check to GDP classification plus this scan goes down to the data element level in the cell providing fuller visibility. The findings from these scans then go back into GDP to update or create new groups and policies for these discovered data elements and repositories – all without human intervention. Finally, **Itouch.io Inventa** also scans new, unknown repositories and passes the results to GDP to protect and monitor the new data.



This integration answers the four core questions above so that security professionals can save time manually scanning data sources and money by not protecting non-sensitive data while boosting operational efficiency through only protecting what is necessary and reducing risk from the discover of unknown unknowns. The marriage of **Itouch.io Inventa** and IBM Security Guardium Data Protection is a perfect match!