

ClaimOnceID provides the blueprint for **any nation** to **completely** and **proactively** protect every one of its citizens from identity fraud – delivering what may well be the only truly viable comprehensive solution to this insidious world-wide problem.

Based on a **counterintuitive** yet **remarkably simple** method of identity verification, ClaimOnceID provides a nation-wide solution to identity fraud that is extremely cost-effective, easy to implement, non-intrusive, completely proactive, intrinsically secure, and totally protective of one's privacy.

The solution is based on the establishment of a centralized (one-per-nation) registry that, via a simple registration, allows individuals to exclusively claim their National ID number (e.g. Social Security number), and that provides public online access to the entire list of such numbers (but only the numbers), including the ability to query the CLAIM STATUS of any given National ID (NID) number.

This is a country- by-country solution and would typically apply to NID numbers that are issued by a country's central government. In the U.S., this would be Social Security numbers.

The essential purpose of the registry is to permanently lock NID numbers in one place to their rightful owner, and only to their rightful owner. Though counterintuitive, making these numbers "publicly accessible" is what makes this possible. And combined with associated user accounts, which are managed by a "Base Service" that operates separately from (and is completely insulated from) the NID registry, this simple concept provides the secret to totally eliminating identity fraud. And because only the numbers are exposed, absolutely no level of security is compromised, as a list of such numbers with no attending data is totally harmless, no matter who has access to it.

The solution is completely **proactive**, with the Base Service providing all the necessary vehicles to prevent all types of identity fraud (**both online and offline**) before they happen. And unlike many other solutions, nothing is required of individuals in the way of new ID numbers, new cards, biometrics, or anything else other than web access. And perhaps most importantly, the Base Service can operate without holding, or ever having any access to, any identity-related data on the individuals it protects. This includes an individual's NID number, which is never exposed to the Base Service during registration or any time thereafter. Via a **proprietary technique** that isolates separate services and allows critical personal data to remain at its source, absolutely no personal data need ever be known or stored by the Base Service – not even an email address. As such, protected individuals are **completely anonymous** to the Base Service – providing the public with the much needed assurance that their identity can be protected **without sacrificing any level of privacy**.

The solution provides for the proactive protection of one's NID and practically every other personal ID type. This includes ID numbers for credit cards, bank accounts, insurance policies, passports, driver licenses, memberships, etc. – allowing such numbers to be openly exposed (intentionally or unintentionally) without fear of fraudulent use. **So the idea is not to provide a better way to protect these numbers from exposure, but rather to render the exposure of these numbers innocuous.**

In addition to the protection of sensitive personal ID numbers, the Base Service provides the perfect vehicle for establishing a **universal login** that is totally protective of one's privacy. Because each Base Service user account is exclusively tied to a NID (without that NID or any other personal data being known by the Base Service), a person can be definitively authenticated and yet, if desired, remain

completely **anonymous** via any online redirection to a Base Service login (whether it is used as a universal login or not). This is made possible by a special ability of the Base Service to deterministically generate unambiguous “Context Specific ID” (CSID) numbers. As the name implies, each CSID uniquely identifies a person within a specific context. In the case of a login request, the requesting entity would be identified as a context, and with each login request, the Base Service would return a CSID that uniquely identifies the logged-in person to the requesting entity. This not only serves to completely protect a person’s desired level of privacy, but also protects the requesting entity from ambiguous identification by the person (since the Base Service returns the same CSID each time the same person interacts with the same entity). And further protection is afforded due to the fact that for any given person, CSID numbers vary drastically (in chaotic fashion) among different contexts. So CSID numbers cannot be used to tie a person from one entity (a context) to another entity (another context).

The ability of the Base Service to generate unambiguous Context Specific ID numbers has numerous critical uses. For instance, it can be used to authenticate all types of verified personal information (held by entities other than the Base Service). It can be used to allow individuals to send, request, and receive email without divulging an email address or any other personal data. It can be used in the formulation of electronic signatures. It can be used to prevent identity fraud in offline interactions. It can be used to insure the legitimacy of online votes, petitions, opinion polls, surveys, product reviews, research studies, etc. – since it can protect a participant’s anonymity while providing the receiving party with complete control over the number of submittals from each participant. And the list goes on.

In short, ClaimOnceID provides convenience, privacy, protection, and legitimacy for countless applications that involve an individual person either providing information to or seeking information from another person or organization. And all ClaimOnceID services are remarkably simple to implement and are each designed for seamless integration with exiting technology. To date, there is simply nothing that compares to the viability and effectiveness of this solution.

For more information, contact:

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