The GLOBAL GEOGRAPHICAL “LOCATION ID®” LID®

The Global Geographical Location ID System GLIDS®: A Global Domain Network

“The World’s Locator and Location Identifier providing and ensuring a protected, secure, flawless, stable and unified official public Domain Network of a Geographical Location ID System.”

The Official Global Geographical Information Network of the World’s Locating and Location Identifying Platform
This confidential information file presents the GLIDS, the official public “Global Geographical Location ID System” for location, mobility, mobile communications and movements work, locating & mapping-related tasks, duties, activities and transactions done in the form of a domain network within the Domain Name System (DNS) administered by its official governing body, the “International Location ID Organization” (ILIDO), which is to be headquartered in the United States, Netherlands and England, and regulated through an international consortium involving the related UN and EU bodies for the official global implementation and the functionality of its public universal “Location ID” (LID) Platform.

INTRODUCTION

The official Global Geographic Location ID System, the GLIDS, is a public universal Locating and Location Identifying information platform to be used through its official and optional public web applications. Unprecedented as uniquely essential, and as a smaller version of the worldwide web (www) the GLIDS is a real time locating, location setting, identifying and position providing and analyzing network as well as a transport and travel mobility guide used through public, commercial and governmental applications.

With the GLIDS, all the locations, points and placements on Earth, geographic, public, governmental and residential, and all land properties will be having their unique Location IDs (LIDs).

Our daily life today is vulnerable to harmful and risky lacks, difficulties and problems in cyber security and internet safety where the current technologies, processes and controls to protect the systems, networks, programs, devices and data are not good enough to fully protect the public from those hazardous weaknesses. Solving all that, with a global Location Identity [Location ID] (LID) practice to the World, the GLIDS is a breakthrough step in today’s Location Mapping & Locating and Geographic Information System (GIS) technology. It is a public universal web "Location Mapping & Locating" data platform and information network for location settings as well as transport and travel mobility with consumer, commercial and governmental applications where geographical locations and location details of subjects, including places, points, sights, spots and routes and
physical and configurative positions of private, commercial and governmental buildings, fields, areas, land parts and land properties, etc, which, by way of their assigned unique location identifications, are provided with their official Location IDs [LIDs] to be used by their owning, holding, using or presenting businesses, companies, corporations, institutions, organizations, private, commercial and governmental bodies and enterprises as well as the world public at large.

Being comprehensively identified with their already-available public location data, subjects’ LIDs are displayed via the official GLIDS Web Network.

Also fundamentally a GIS platform, the GLIDS brings the availability of satellite and surface imagery, aerial and surface photography, street maps, panoramic aerial and surface views, real-time traffic conditions, and route directions, etc, as well. While the LID platform allows its location maps to be reached by third-party websites and offers locators, it, in its core task and function, assigns Location IDs as names, numbers or alphanumeric codes to all location-holding corporate, governmental, communal and independent private subjects and qualify their civilian, governmental and private individual owners, users and presenters to hold and use them.

The LID platform will be used as a useful and crucial tool by the world public, governmental administrations and offices, law-enforcement administration offices, units and departments and all other state offices, units, bodies and departments as well as private and governmental business sectors. Starting in 2023, it will be used by an estimated number of around 1.6 billion users per month worldwide while, within the first three years of its launch, around half the World’s 2.3 Billion buildings, a quarter of which wholly or partly commercial buildings, and more than 350 million land parts, terrains and geographical settings as private and community / municipal / governmental properties, as well as places, points, sights, spots and routes and physical and configurative positions of buildings, fields, areas and land parts, will be having their LIDs as registered by the GLIDS whose smartphone App will be used on around estimated 70% of the smartphones globally. Incorporated with one another, the three integrated components of the GLIDS’ colossal world platform, the public, mobility and mobile communications, will ever be working in the best way it can for the good and comfort of mankind.

The GLIDS’ locater and location identifier function in four groups of subjects:

1 Geonatural
2. Governmental / Municipal / Public
3. Private and Commercial

**NECESSITY and IMPORTANCE**

The currently used navigation, location and locating technologies today, covering almost the whole planet, are unfortunately not fully effective, secure or trustworthy in terms of privacy and safety of individual, official and corporate data related to daily public and business life, mobility and mobile communications across the world. In today’s modern automated driving and built-in navigation facilities still show practical weaknesses and technical faults which riddle the motorists’ journey both practically and emotionally. Giving the first ever *identity status* to all the subjects of location and destination through a single subject-dedicated *smart tag* of identity and thereby bringing them a fundamentally trustworthy and reliable essential base with modern location mapping, locating and navigation technologies, GLIDS provides the World Public with a robust *shield of complete safety and security* and a *fully effective integrated pattern of locating, location and mobility* with universal homogeneity in the whole range of private, governmental and business navigation, location and locating activities, movements, matters and issues of mobility in day-to-day life.

The plain and straightforward global *LID Platform* provides a integratively secure privacy medium for the user and much higher safety for the public. Today, the way of using the Google Maps and similar current alternatives are not ultimately safe, and not fully effective in practice mainly because of the fact that subjects have no identity countenances. Eliminating all the current system problems and usability weaknesses in that regard, the LID System unprecedentedly provides the world public with an integrally operating, radically functional, multi-purpose and multi-dimensional platform that opens a new revolutionary era in today’s cyber age.

While providing valuable features and parameters in place-finding, navigation, automated and connected driving and fleet management facilities, helping achieve a much higher standard of safety and security, the global LID System also presents an infallible unique global platform of location and position identity that makes locating and positioning flawlessly accurate, and all its practice of usage and movements right, exact, fair, legal
and official allowing no mishaps, miscalculations or misuse to happen.

**FUNCTIONALITY and USAGE**

A Location ID, LID, is a unique official code of identity that formally identifies the subject it belongs to. It is used to prove or verify a location’s identity and/or the status/identity of the holder(s) and, applicably, related and/or attached holder(s). Being connected with the GLIDS Database, a LID connects the subject’s LID info and details with its holder/user. Centrally administered, globally by a governmental U.S. agency and nationally by branches through governmental agencies or related bodies in each country, the “International Location ID Organization”, ILIDO, issues and assignes LIDs to natural and legitimate subjects’ holders, owners and users.

Simply and straightly issued, granted and used, impeccably functioning Location IDs are their subjects’ unique titles of identity in the forms of names and numbers or both as alphanumeric codes to identify their subjects via the LID Network of the GLIDS. Generated and used as their holders’ actual names, or as self-generated numbers or both, or combined digits and letters as alphanumeric codes, they are their subjects’ ID names/titles usually self-generated by users/owners/holders. A LID usually bears or includes the name (or its abbreviation) of the subject or its user/owner/holder.

**LID DOMAIN** : An important function of LIDs is to provide easily recognizable and memorizable ID names to numerically addressed Internet resources. Just like internet domain names, LIDs are used to establish a unique identity of subjects helping the public to reach them and their subjects’ location details easily. Accessible from the public Internet and assigning application-specific LIDS as globally unique ID names of subjects within the Domain Name System (DNS), the LID platform is technically and practically a global domain network and, structurally, a smaller model of the worldwide web (www). Its usage and application is basically the same as that of the worldwide web and much simpler to use. It assigns LIDs to users in the network based on IP addresses and provides users with self-administrative control within the Internet. To be assigned by the rules and procedures of the Domain Name System (DNS), LIDs registered in the DNS become LID domains.
Every single cadastral or geographical/geonatural part of Earth with or without a building or material on it as well as millions of unidentified pieces of land, parks, national parks, fields, farms, ranches, will be having their global Location IDs (LIDs).

Classified separately and individually, streets, avenues, squares, parks, fields, popular places/neighborhoods, inner-city land parts, districts, townships, cities, towns, villages, parishes, metropolises, counties, states, provinces and regions will also be having their LIDs.

All the geographical/geonatural locations on Earth, from Lake Michigan to Mount Everest will also be having their global given LIDs which will be automatically generated and assigned by the ILIDO.

The assignment and issuance of LIDs are done in various groups as listed below. All groups are open to public except the Military one. They acquire their LIDs in various ways:

1. **Commercial LIDs: Optional**
   Commercial LIDs are acquired by applying. Upon accepted and approved online applications, the applicants get granted their LIDs. Commercial LIDs are granted to commercial and corporate subjects including any size of commercial, corporate and trade companies, any size of business enterprises and commercial establishments, properties and locations and any active commercial subjects with a physical addresses.

2. **Institutional LIDs: Optional**
   Institutional LIDs may be applied or requested for. They may also be issued automatically upon long term LID contracts. Institutional LIDs are issued to institutional subjects including private and governmental organizations, associations, foundations, societies, universities, colleges, and all other educational subjects, hospitals, laboratories, research centers, all other science, health and medical institutions, museums, libraries, churches and all other religious buildings and establishments, etc.

3. **Governmental LIDs: Given or implemented**
   Governmental and municipal LIDs may be requested while most are issued automatically upon long term LID contracts with governments and municipalities for their locations, properties and their related bodies, departments, units and offices.
4. **Public LIDs**: *Given or optional*
For publicly used properties including libraries, post offices, banks, etc., as well as publicly used governmental and municipal properties and locations, and their related bodies, departments, units and offices LIDs may be granted as given or optionally.

5. **Private LIDs**: *Optional*
Owners (not users or tenants) of residential subjects may request LIDs for the locations of their private properties by online application. Upon the acceptance and approval of strictly reviewed applications, LIDs may be granted. Unlike the other LID groups, private LID holders/owners have a wide variety of online options to generate their properties’ own LID titles that may range from personal names to coded names as well as ciphers, numbers or alphanumeric codes which are not possible in the other LID groups where it is compulsory to have the LIDs reflect the subjects’ names totally or partially. Private LIDs are self-managed by the holders/owners while they are subject to annual GLIDS update review. Self-editing, updating and revisions may be done by the holders/owners once in one calendar year.

6. **Private Land LIDs**: *Optional*
The *owners-only* LIDs for private lands of any size, including farms, ranches, agricultural fields, recreational fields and areas, etc, are granted upon application. Private lands’ owners have a wide variety of options to generate their lands’ LID titles online that may range from personal names to coded names as well as straight numbers, ciphers or alphanumeric codes.

7. **LIDs of Global Institutions and Conglomerates**: *Given or implemented*
Global Institutions like the UN, UNESCO, WHO or EU and conglomerates like Siemens, Apple, Samsung, Google or Shell, etc, will be issued as specially prepared series of LIDs which will be covering hundreds of LIDs built upon long-term LID contracts.

8. **Geonatural (Geographical/Natural) LIDs**: *Given*
Natural and Geographical locations, places and points owned by states and governments, or otherwise, do not require any issuing applications or arrangements for their LIDs which are automatically generated, issued and given.

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**The LID in PRACTICE**
The LID is an open source platform that allows users to have access to their own LID pages and store and manage their data there. As a basic daily referential service tool, as much as for the public consumer, the LID System is also vitally important and crucially essential for governments and the professional workforce of the business sector, most importantly in the parts of their mobility, digital and wireless communications, navigation as well as automated and connected driving and fleet management work. While they do not have their LIDs yet, almost none of them currently have any detailed contact pages or addresses, maps, or any direction details on their websites.

On the website contact page of Mercedes Main Headquarters, the current address and actual contact details for *visitors* are as below:

Mercedes-Benz Group AG  
Corporate Headquarters  
Mercedesstrasse 120  
70372 Stuttgart  
Germany  
Phone: +49 71117 0

*A visitors page with no maps, no direction details!*  
With the addition of the Location ID (LID), it would look as below:

Mercedes-Benz Group AG  
**Corporate Headquarters**  
Mercedesstrasse 120  
70372 Stuttgart  
Germany  
Phone: +49 71117 0  
**LID:**  [lid:mercedes.cor.hq](#) or  [:mercedes.cor.hq](#)

With a click on the LID ([lid:mercedes.cor.hq](#)), the visitor would go directly to the LID page which also display the map and direction details.
Fig.1: Mercedes Corporate HQ Location ID (LID) Page: This LID page of the LID-holder, Philips, is what we see when we click on its LID link, :mercedes.cor/hq, on the contact page of the Mercedes’ website.

Almost all leading major global corporations and conglomerates like Samsung, Siemens, Apple, Philips, VW, Shell, Amazon, etc, have either poor contact pages without addresses or maps, or no contact or direction details at all.

The GLIDs’ LID platform will be used with Uniform Resource Locators (URLs) which can be interlinked by as a reference to data that the user can follow via the subject’s hyperlink [ e.g. lid:siemens.cor ].
Every LID has a LID Page which will open as the hyperlinked URL gets clicked on. The LID page may be self-edited and updated by the holder/user.

lid:philips.cor.hq or :philips.cor.hq

This is Philips’ proposed Location ID (LID) as it may appear on Philips’ website’s contact page. “Philips” is the name of the company,”cor” denotes “Corporate” and hq denotes “Headquarters”. Clicking on the LID, via lid:philips.cor.hq, takes the visitor precisely to the LID page of Philips’ corporate headquarters as seen below:
Fig.2: Philips Corporate HQ Location ID (LID) Page: This LID page of the LID-holder, Philips, is what we see when we click on its LID link, :philips.cor/hq, on the contact page of the Philips’ website.

The LID is displayed with the hyperlink “All” which provides LID Page of Philips’ World HQ with the LID list of its all locations country by country. Clicking on a particular branch location LID in the list opens the LID page of that location.

On the same Philips website, another LID as lid:philips.cor.all may be displayed with the hyperlink “All” which provides LID Page of Philips’ World HQ with the LID list of its all locations country by country. Clicking on a particular branch location LID in the list opens the LID page of that location:

lid:philips.cor.all or :philips.cor.all

When it is clicked on, it gives the complete list displayed with the sublocations’ hyperlinks as below:

lid:philips.cor.Amsterdam
lid:philips.cor.Munich
lid:philips.cor.Hamburg
lid:philips.cor.Berlin
lid:philips.cor.London
lid:philips.cor.Newyork
lid:philips.cor.Rome
lid:philips.cor.Paris
lid:philips.cor.Sydney
lid:philips.cor.Moscow
lid:philips.cor.Dublin

etc..

In its link below, Philips displays a list of its world locations which provides no informative details at all:

https://www.philips.com/c-w/country-selectorpage/global-country-selector.html

Some guiding information websites list Philips’ global locations in various manners, but none provides reliable information, and updated details, no
location details, no maps, no direction details.

The World’s biggest e-commerce and distribution company Amazon’s worklife and workforce are both totally depend of mobility, digital and wireless communications, navigation as well as automated and connected driving and fleet management systems. It, however, has no detailed contact pages and no addresses or maps, and no direction details at all. While that is not necessarily the disaster causing the series of serious daily problems its forwarding and fleet management systems have, the actual origin of the problems certainly comes from the fact that it does not have a Global Location ID System in its work structure. Would it have that, one of its main corporate LIDs on their website would look like the one below:
Fig.3: Amazon’s Corporate HQ Location ID (LID) Page: This LID page of the LID-holder, Amazon, is what we see when we click on its LID link, :amazon.cor, on the contact page of the Amazon’s website.

Geonatural LIDS are given Location IDs. They are automatically assigned to terrestrial geonatural locations. Their Domain Extension “Geo” acutely defines their classification and separates it from the other extensions which may accommodate similar names included in the LIDs of private or commercial subjects.
The LIDs of international organizations like the United Nations LIDS are given. They do not usually require any domain extension (as seen below) since their names and status are unique having no similarities with any other subjects. The definitions of their HQ and branch locations are shown as hyperlinks in the main LID domains as by names of the towns/cities they are located or situated without any domain extensions.

lid:un  [ or lid:un.nyc ]
lid:un.geneva
lid:un.london
lid:un.paris
lid:un.vienna
lid:un.washingtondc
lid:un.rome
lid:un.nairobi
lid:un.montreal
lid:un.madrid
lid:un.bern
lid:un.bonn
lid:un.tokyo
lid:un.amman
lid:un.turin
lid:un.thehague
lid:un.cophenagen
LID Sample.5: The United Nations’ Location ID (LID) Page. This LID page of the LID-holding subject, the United Nations, is what we see when we click on un.org on the contact page of the United Nations website.
**The LID Directions**

Through its course of time in progression-in-practice and the full global establishment, the LID system will naturally be allowing the the LID’s “Direction” facilities to still be fully and easily functional between any pairs of “starting” and “destination” including the ones without LIDs.

*The Global Location ID System, GLIDS,* smoothly allows departure and destination points to transact between one another with or without a LID enabling them to be as possible and easy as the “LID-to-LID” direction. So, any direction movement may be easily practice with any “starting” and “destination” points:

- **LID to LID:** *From a LID point to a LID destination,*

- **LID to non-LID:** *From a LID point to a non-LID destination,*

- **Non-LID to LID:** *From a non-LID point to a LID destination,*

- **Non-LID to non-LID:** *From a non-LID point to a non-LID destination.*

**Self-generating and Self-managing LIDs**

While the LIDs of professional/commercial and public governmental subjects in the public domain rather specifically and dedicatedly reflect their names, status and profiles, which is imperative and requisite, the self-generated LIDS of private land and building properties of businesses and individuals do not necessarily have to do so; their LIDs may be created by the holders as specific and unique as possible by adding their own elements of preference (digits, letters, even holders’ own names, etc.) to names of the subjects as seen in the following examples:

lid: **schneiderfarm**.lnd/deu
lid: **hoffmann715**.res/deu
lid: **kuhnhaus**.fou/deu
lid: **schwarz**.fin/deu
lid: **wernergruppe**.rec/deu

lid: **simpsonranch**.lnd/usa
Subject Info on the LID Map

The flexibility of self-generating their LIDs with their own content-management capability also give the public user the freedom of self-arranging and self-editing of their LIDs’ pop-up boxes and info windows.

Since maps, just by themselves, do not tell the full story of a subject and it is highly useful to go beyond the page data, the LID’s popup boxes and info windows provides the ultimate informative face of the subject.

A click on a LID location marker on the LID Map in the LID Page opens up the popup box of the subject, and clicking on the box opens up the info window which gives further information optionally with or without a picture of the subject as in the following examples:

1. In the LID of a privately named and known subject, a residential address may be identified as:

The Popup LID Box:
2. In the LID of a privately or publicly named and known land subject, the address may be identified as:

The Popup LID Box:

:schneiderfarm.lnd/deu

The LID Info Window:
3. In the LID of a commercial company situated in a shared office building, The PopuLID Box and the The LID Info Window may be displayed in two alternative ways. A company situated in the building, for instance, named Starlight Co, may be identified and displayed as:

The Popup LID Box:

:starlightco.com/usa

:regenthouse.ofc/usa

The LID Info Window:
:starlightco.com/usa
Commercial
Suite 28, 646, E 79th St.
New York, NY 10035 USA

or

:starlightco.com/usa
Commercial
Suite 28, 646, E 79th St.
New York, NY 10035 USA

and

:regenthouse.ofc/usa
Office Building
646, E 79th St.
New York, NY 10035 USA

or

:regenthouse.ofc/usa
Office Building
646, E 79th St.
New York, NY 10035 USA
4. For a private land situated in a rural area, the LID is ownership specific rather than geographic. So, the LID identity details loaded and displayed upon the owners of preference of title and content. The LID of a private piece of rural land may well look like this:

The Popup LID Box:

:US6743811

The LID Info Window:

:US6743811.lnd/usa
Private Land
2892, McDowell Road,
Phoenix AZ, 85012 USA

or

:US6743811.lnd/usa
Private Land

2892, McDowell Road,
Phoenix AZ, 85012 USA
5. Upon their preference, private or professional/business address owners may personalize their addresses’ LIDs with their own names as well. Their LIDs may look like this:

The Popup LID Box:

:jackmiller.pri/uk

The LID Info Window:

:jackmiller.pri/uk
Private
173, King’s Road
SW1Y 4CT London, UK

or

:jackmiller.pri/uk
Private

173, King’s Road
SW1Y 4CT London, UK

6. LID holders, private or otherwise, upon their preference, may arrange the image details of their properties, residences or business as they prefer in feature details as well as sizes, as seen in the example below:
The Popup LID Box:

:simpsonranch.lnd/usa

The LID Info Window:

:simpsonranch.lnd/usa
Land
8644, Hillcrest Road, Dallas TX, 75209 USA

or

:simpsonranch.lnd/usa
Land

8644, Hillcrest Road, Dallas TX, 75209 USA
LID’s Primary Domain Extensions

air..........Airport
com..........Commercial/Commercial Building
cng.........Conglomerate
cor.........Corporate
fin..........Financial
for.........Forest
fou.........Foundation
geo.........Geographical/Natural
gov.........Governmental
hsp.........Hospital
ins.........Institution
ind.........Land
mal.........Mall
med.........Medical
mun.........Municipal
nat.........National Park
ofc.........Office Building
org.........Organization
pbl.........Public
prb.........Private Building
pri.........Private
prl.........Private Land
prt.........Seaports/Harbors
rec.........Recreational
res.........Residential
shp.........Shopping Centers
spr.........Sports
ter.........Terrain

The LID’s Internet Domain Search Options [Examples]

1.
lid:un
lid:un.geneva
lid:un.paris

2.
:un
:un.geneva
:un.paris

3.
SELF-SEARCH MODE
Self-generated search-mode may be used for fast filtering. When a user searches to find a New York City hospital or clinic (hsp), for instance, he/she may enter :nyc.hsp or :hospital.nyc or :nyc.hospital, etc, and instantly gets the list in order of distance to the city center, from the nearest to the farthest:
:presbyterian.nyc.hsp  
:cony.nyc.hsp  
:columbia.nyc.hsp  
:harlem.nyc.hsp  
:lenoxhill.nyc.hsp  
:queens.nyc.hsp  
:jacobi.nyc.hsp  
:mtsinai.nyc.hsp  
:elmhurst.nyc.hsp  
:kings.nyc.hsp  
:tisch.nyc.hsp  
:manhattangen.nyc.hsp  
:lincoln.nyc.hsp  
:stvincent.nyc.hsp  
:stbarnabas.nyc.hsp  
:stluke.nyc.hsp  
:etc...

4. AUTO-FILTER MODE
The GLIDS’ auto-generated filter mode may also be used for fast auto filtering. When a user in downtown New York searches to find the nearest hospital or clinic (hsp), for instance, he/she may enter just :hsp or :hospital or :clinic and instantly gets provided by the system with the list in order of distance, from the nearest to the farthest, same as the list above.

LID Icon and Logo