

Track & Trace by URL (V01.06 14-05-2013)

The GLS internet portal contains a Track & Trace service. This allows the customer to track parcels by the GLS parcel number(s) or by his own reference number(s) (reference number only in extended mode).

In addition to the dialog screen in the web portal, the search can be triggered directly by an URL containing the parcel number(s) (and/or the reference number(s)).

Possible benefit:

It could be a service in a shipping confirmation mail from sender to consignee.

Changes to further country specific versions

New search logic and URL definition for the new GLS web portal www.gls-group.eu instead of the URL's for the search like for www.gls-germany.com, or other country specific URL's.

Changes from version 1.00 to 1.01:

- Add of a missing definition “&rf=” in the common URL description of the extended T&T mode and better formatted example strings of the URLs
- Renaming of “URL-password” to “URL-password/specific password”.

Changes from version 1.01 to 1.02:

- Add of the definition „&no=[customer-id]“ in the common URL description of the extended T&T mode.
This customer-id value is mandatory for the search by the customers own reference number.
- New Comment: Even if a reference number and a parcel number were provided in the URL, it will only be searched by the parcel number(s).

Changes from version 1.02 to 1.03:

- This description is usable for all GLS-Group organisations using the www.gls-group.eu web portal, not only for single organisations like GLS-Germany. It is provided in English and German language.

Changes from version 1.03 to 1.04:

- Added web services

Changes from version 1.04 to 1.05:

- removed web services, available in separate documentation

Changes from version 1.05 to 1.06:

- Additions to the Track & Trace in encrypted mode. Description of the calculation of the MD5 key has been added

Changes from version 1.06 to 1.07:

- T&T in extended mode is obsolete. Therefore it was removed from this document.

Changes from version 1.07 to 1.08:

- The example MD5 key was corrected.

T&T in standard mode

The standard mode only searches by GLS parcel number in the open area of the GLS web portal.
A "POD" cannot be shown there.

Therefore a user/pass is not recommended and not defined in this URL.

URL

[http://www.gls-group.eu/276-I-PORTAL-WEB/content/GLS/\[OWNER\]/\[LANGUAGE\]/5004.htm?txtRefNo=\[PARCELNO\]&txtAction=71000](http://www.gls-group.eu/276-I-PORTAL-WEB/content/GLS/[OWNER]/[LANGUAGE]/5004.htm?txtRefNo=[PARCELNO]&txtAction=71000)

Example (for a search in Germany and German language):

<http://www.gls-group.eu/276-I-PORTAL-WEB/content/GLS/DE03/DE/5004.htm?txtRefNo=ddppxxxxxxx&txtAction=71000>

The search can also be started simultaneous for more than one parcel number.
Then the parcel numbers have to be separated by comma or semicolon.

For the T&T within these countries (location of shipper) the specific values from the table have to be inserted in the URL for [OWNER] and [LANGUAGE]. For the value [LANGUAGE] the domestic language or English is always possible. Please note the defined language codes in the table below

Shipper-Country	Owner-Code	Language
Germany	DE03	DE or EN
Austria	ATNU	DE or EN
Ireland	IE01	EN
Belgium / Luxembourg	BE01	FR, VL or EN
Denmark	DK01	DA or EN
Spain	ES01	ES or EN
Portugal	PT02	PT or EN
France	FR01	FR or EN

T&T in extended mode (obsolete)

T&T in extended mode is obsolete. Therefore it was removed from this document.

T&T in extended mode – encrypted

This functionality allows the sender to encrypt the login and parcel number within the direct link.
It is not possible then to transfer it on other logins or parcels.

To encrypt the MD5 cryptographic hash function is used. The MD5 key is calculated by the following string:

un + rf + crf + no + url password

The MD5-Key will transmit via the parameter "**key**" in the URL.

Example

URL: <http://www.gls-group.eu/276-I-PORTAL-WEB/dLink.jsp?>

Parameter:

un=**username**
 &key=**78f51fd748e189b9a7f6b11f961c0865**
 &rf=**64205467274**
 &crf=
 &no=
 &lc=**EN**

The MD5 key is calculated as already described above:

un + rf + crf + no + URL-Password

The URL-Password of the user has been assigned under "Your Settings" for direct link. How this password is set, is described, page 5. In this example the URL-Password is "userpassword". The result of this chain is used for calculating the key MD5:

username64205467274userpassword

(If un, rf, crf or no empty so a different MD5 key is generated)

After the calculation, e.g. through an MD5 generator from the Internet, the following MD5 key will be received: **51e9d9ac9654f34a78845f47144592e4**

Finally the direct link looks like this:

<http://www.gls-group.eu/276-I-PORTAL-WEB/dLink.jsp?un=username&key=51e9d9ac9654f34a78845f47144592e4&rf=64205467274&crf=&no=&lc=EN>

URL parameters

Parameter	Description	Example
un	login name for the web-portal	25080311
pw	URL-password	1234abc
key	The MD5 key is calculated by the following string: un + rf + crf + no + directlink password If a parameter is empty (e.g. un="") it must still set. It's recommended to use a different direct link password instead of the web-portal password.	1d5d8dc48725e3fd6877a4b159267bcf
rf	GLS parcel number(s); To search for more than one value, please separate the values by comma or semicolon	98881129254 (98881129254,98881129255; 98881129256)
crf	customers own reference number(s); To search for more than one value, please separate the values by comma or semicolon	12345ABC (12345ABC,12345ABp, 12345ABq)
lc	language code for the result screen; If no lc value is given, the default language is EN	EN = English (default) FR = France DE = German (& Austrian) DA = Danish ES = Spain PT = Portuguese NL = Netherlands
no	customer-id; This value is mandatory for search with the	2504567890

	customers own reference number	
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All other values are static and have to be used as shown in the descriptions and examples.