

Austrian HGV Tolling System

EETS Back Office Interface Specification

| Document Number | Version | Status | Security | Date |
|------------------------|----------------|---------------|-----------------|-------------|
| [EP_IF] | V2.0 | released | public | 19.10.2021 |

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Abbreviations and Glossary

| Abbreviation, Term | Description |
|----------------------|---|
| Basic EasyGo service | The basic EasyGo service is a service of the Scandinavian EasyGo consortium consisting of Toll Chargers and Toll Service Providers from Denmark, Sweden and Norway. This service is offered to all vehicles (passenger cars and heavy goods vehicles) and covers toll payment by one OBE, one contract and one invoice. This service is not offered in Austria. |
| EasyGo+ service | The EasyGo+ service in EasyGo is for heavy goods vehicles > 3,5t using an OBE with a DSRC EFC interface conformant to EN 15509 and is offered in the Scandinavian countries + Austria. |
| EETS | European Electronic Toll Service |
| EN | European standards |
| EP | EETS Provider |
| ISO | International Organization for Standardization |
| OBE | On-Board Equipment |
| TC | Toll Charger |
| TSP | Toll Service Provider |

References

All references used in this document are listed in Annex A - References. Amendments or revisions of dated references or publications apply only when incorporated in it by amendment or revision. The latest edition of a referenced publication applies only if it used undated.

1 Purpose and scope

This document specifies the EETS back office interface between ASFINAG as a Toll Charger (TC) and an EETS Provider (EP).

ASFINAG uses the EasyGo HUB as backoffice interface for data exchange with EP.

This implies that any EETS Provider who intends to cooperate with ASFINAG as a TC for the Austrian EETS domain is required to connect his central system to the EasyGo HUB, this will lead to all EasyGo specifications according to chapter 2 are applying for an EP interfacing ASFINAG.

2 Back office interface requirements for EETS Providers

The requirements for the back office interface specification are valid for any EETS Provider connecting its central system via the back office interface to the central system of ASFINAG in the context of EETS, if not otherwise defined in this document.

The following EasyGo documents define the back office interface:

[EasyGo-201] Requirements for central systems and EasyGo HUB

This document is describing the functionality and procedures of the back office data exchange interface.

[EasyGo-203] Technical requirement, data formats and interface specifications

This document is specifying the data syntax and semantics of the back office data exchange interface. It describes a proprietary interface for a back office data exchange which currently is not conformant to EN ISO 12855.

[EasyGo-205] DSRC Key Management

For security reasons, the EasyGo HUB is not anymore involved in the DSRC Key exchange procedure. The document [EasyGo-205] is defining the procedures to be used for the direct exchange of security keys between ASFINAG as Toll Charger and an EETS Provider.

[EasyGo-206] EasyGo test strategy

This document is defining the procedures to be followed when an EETS Provider is testing the EETS interoperability constituents with ASFINAG.

[EasyGo-207] Interface test specification for central systems – EasyGo HUB

This document is describing the detailed test procedures to be performed when testing the back office interface from the central system of the EETS Provider to the EasyGo HUB and then further to the central system of ASFINAG as Toll Charger.

[EasyGo-208] Requirements for VPN access to the EasyGo HUB

This document is describing how to setup the physical data connection between EETS Providers, ASFINAG as Toll Charger and the EasyGo HUB.

The latest version of these documents can be found on the EasyGo homepage under <http://easygo.com/en/about-easygo/documents>. Be advised, that this is a version for information only. It may change without any further notice.

Although these documents are defined in EasyGo, they are valid for the EETS back office interface to the Austrian toll domain as well.

All definitions for the EasyGo+ service in the documents apply to the back office interface for an EETS Provider. The definitions for the basic EasyGo service are not relevant for the EETS back office interface to the Austrian toll domain, as ASFINAG is only part of the EasyGo+ service and not of the basic EasyGo service, which is offered to all vehicles in Scandinavia only

In order to connect an EETS Provider to ASFINAG as a Toll Charger, the following definitions in respect to the terms in the EasyGo documents do apply:

| EasyGo expression/ role | EETS expression/ role | Comment |
|--------------------------------|----------------------------|---------|
| Toll Charger (TC) | ASFINAG as Toll Charger | |
| Toll Service Provider (TSP) | EETS Provider | |

| Service User (SU) | EETS User | |
|-------------------|--|---|
| EasyGo HUB | Central data processing hub, collecting and forwarding data between TCs and TSPs | When implementing an EETS back office interface between ASFINAG and an EETS Provider, the EETS Provider shall connect to the EasyGo HUB, which will be the central point of connection to the Austrian toll domain operated by ASFINAG. Any data transferred via the back office interface to and from ASFINAG as Toll Charger will be routed through the EasyGo HUB (with the exception of DSRC key exchange). |

3 Annex A - References

| Reference | Document Ref | Date / Version | Document title |
|--------------|--------------|----------------|---|
| [EasyGo-201] | | | Requirements for central systems and EasyGo HUB |
| [EasyGo-203] | | | Technical requirements, data formats and interface specifications |
| [EasyGo-205] | | | DSRC Key Management |
| [EasyGo-206] | | | EasyGo test strategy |
| [EasyGo-207] | | | Interface test specification for central systems – EasyGo HUB |
| [EasyGo-208] | | | Requirements for VPN access to the EasyGo HUB |