



Interface documentation for FEST

- The FEST web service for the internet and Norsk Helsenett (NHN)

12.06.2019

Number of pages: 6

Contents

1	Introduction	3
	Purpose	3
	Scope	3
2	FEST's role in eResept (e-prescription)	3
3	FEST (WCF)	4
	Downloading of FEST	4
	GetM30	5
	Parameters	5
	m30Response	6
4	Communication	6
5	Security	6
6	Error reporting	6

1 Introduction

Purpose

The objective of this document is to enable relevant parties to develop interfaces to and communicate with the Norwegian Medicines Agency in accordance with applicable specifications.

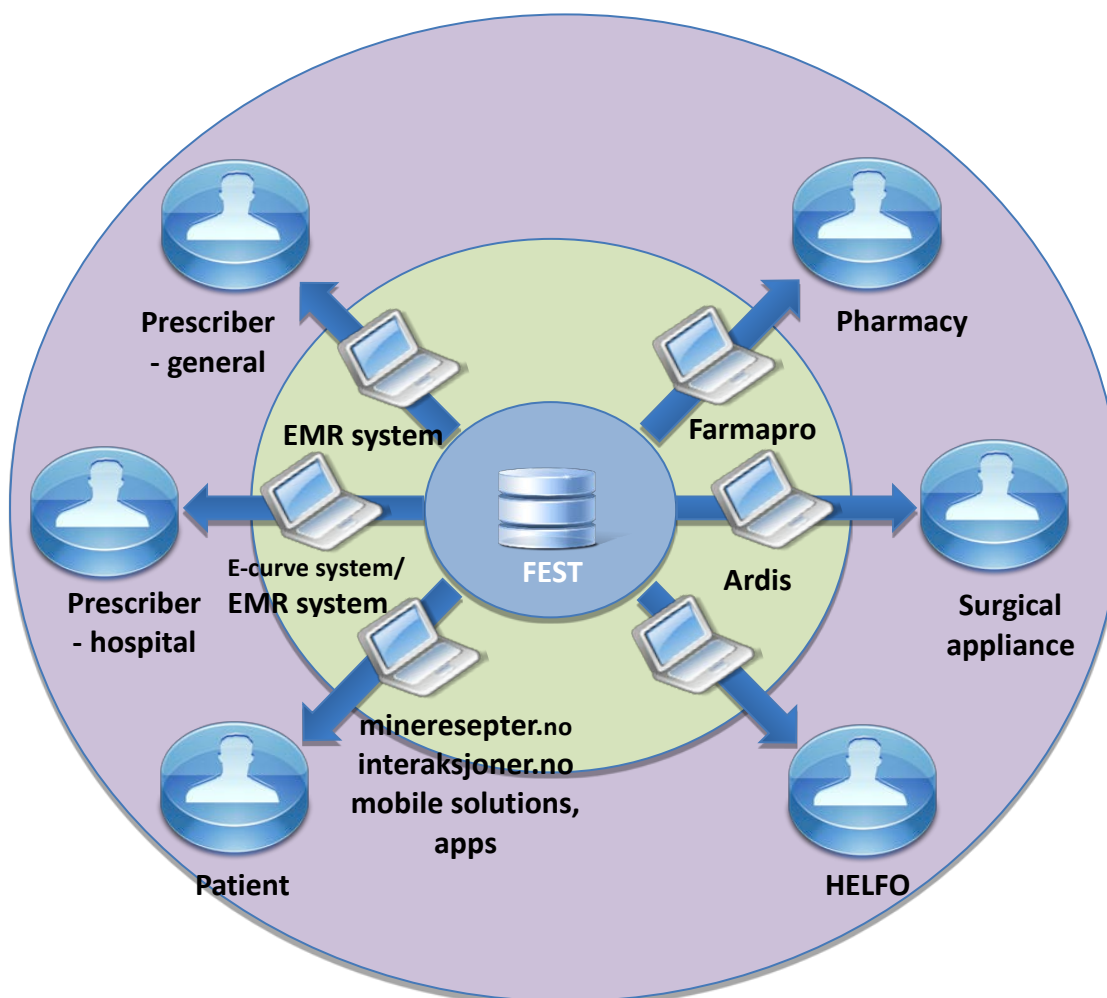
Scope

This document describes the interface to the FEST web service for the internet and for Norsk Helsenett (NHN). FEST is the Norwegian Electronic Prescription Support System and NHN is the Norwegian Health Network state enterprise tasked with the national ICT infrastructure for the health sector.

2 FEST's role in eResept (e-prescription)

FEST's role in eResept in brief

M30 is the FEST message (transfer of information from the Norwegian Medicines Agency's FEST database)



3 FEST (WCF)

FEST is implemented as a standard, synchronous web service that follows the Envelope Request-Response Message Exchange Pattern. The service is self-describing in the sense that, for example, one can open the internet address in a browser and see which operations are available, as well as the format of "request" and "response". The service has one method, `GetM30`, with two parameters and responds with an `m30Response`.

Note that the service uses WS addressing. The following must be included in the header of the SOAP request:

```
<soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">
  <wsa:Action>http://www.slv.no/20131008/FestService250/GetM30</wsa:Action>
  <wsa:To>https://fest.legemiddelverket.no/Fest/FestService250.svc</wsa:To>
</soap:Header>
```

The service versioning is embodied in the name of the service: "FestService250" means version 0 of M30 version 2.5, and similarly "FestService251".

Downloading of FEST

FEST is available as a web service that follows the SOAP protocol. (Both SOAP 1.1 and SOAP 1.2 are supported).

Environment	Version	Domain (DNS)	Web service	Filters
NHN - production	2.5.0	frontend-fest.nhn.no	Fest/FestService250.svc	Farmalogg, Rekvirent inkl. inkrementelt, Bandasjist, Veterinær, NAV
NHN – production	2.5.1	frontend-fest.nhn.no	Fest/FestService251.svc	Institusjon inkl. inkrementelt, Farmalogg, Rekvirent inkl. inkrementelt, Bandasjist, Veterinær, NAV
Internet - production	2.5.0	fest.legemiddelverket.no	Fest/FestService250.svc	Farmalogg, Rekvirent inkl. inkrementelt, Bandasjist, Veterinær, NAV
Internet – production	2.5.1	fest.legemiddelverket.no	Fest/FestService251.svc	Institusjon inkl. inkrementelt, Farmalogg, Rekvirent inkl. inkrementelt, Bandasjist, Veterinær, NAV

Environment	Version	Domain (DNS)	Web service	Filters
NHN – staging*	2.5.0	frontend-fest.nhn.no	StagingFest /FestService250.svc	Rekvirent inkl. inkrementelt, Veterinær, NAV
NHN – staging*	2.5.1	frontend-fest.nhn.no	StagingFest /FestService251.svc	Institusjon inkl. inkrementelt, Rekvirent inkl. inkrementelt, Veterinær, NAV
NHN - test	2.5.0	frontend-fest-test.nhn.no	TestFest/FestService250.svc	Farmalogg, Rekvirent inkl. inkrementelt, Bandasjist, Veterinær, NAV
NHN – test	2.5.1	frontend-fest-test.nhn.no	TestFest/FestService251.svc	Institusjon inkl. inkrementelt, Farmalogg, Rekvirent inkl. inkrementelt, Bandasjist, Veterinær, NAV
Internet - test	2.5.0	fest- test.legemiddelverket.no	TestFest/FestService250.svc	Farmalogg, Rekvirent inkl. inkrementelt, Bandasjist, Veterinær, NAV
Internet – test	2.5.1	fest- test.legemiddelverket.no	TestFest/FestService251.svc	Institusjon inkl. inkrementelt, Farmalogg, Rekvirent inkl. inkrementelt, Bandasjist, Veterinær, NAV

*Staging means that it exposes data before the official file is published.

Some users have a setup that necessitates the use of IP addresses instead of domain names. The correct IP addresses for the FEST services for NHN are listed below. However, we strongly recommend that downloading is performed using domain names, so as to avoid potential problems due to IP address changes.

	Network	IP	Domain (DNS)
Production	NHN	91.186.93.53	frontend-fest.nhn.no
Test	NHN	91.186.93.52	frontend-fest-test.nhn.no

GetM30

Parameters

Element	Description
Filter	An enum with the "variant" of the FEST message you require: Farmalogg, Rekvirent, Bandasjist, Veterinær, NAV, Institusjon

Element	Description
SistOppdatert (Last updated)	Used for the incremental extraction of data. May only used with the Rekvirent (Requisitioner) filter. Specifies a request for an <i>incremental</i> FEST message containing a series of changes. If the received FEST message's "HentetDato" (Retrieval date) <> SistOppdatert, the call must be repeated, with "HentetDato" as a parameter in order to get the next series of incremental changes. The call must be repeated until "HentetDato" = SistOppdatert.

Note that the name "HentetDato" (Retrieval date) for the first element in the FEST message is somewhat misleading. This date describes the age of the data that the message is based on, not when it was downloaded.

m30Response

```
<xs:complexType name="m30Response">
  <xs:sequence>
    <xs:element name="M30Message" type="SLV.Fest.Data.M30.V250.FEST" />
    <xs:element name="Returkode" type="kith:CS" />
  </xs:sequence>
</xs:complexType>
```

Element	Description
M30Message	The FEST message.
Return code	Whether the M30 request was successful. See the table below. Even if V=1, M30Message can be empty.

Possible return codes:

V (value)	DN (description)
1	OK
8	Unexpected error

4 Communication

The Norwegian Medicines Agency only supports UTF-8. Signed documents must be "base 64" encoded.

5 Security

Web services such as WCF are secured using https.

6 Error reporting

Errors should be reported to fest@legemiddelverket.no.