



Data Quality Synchronising data transfer: SFC2014 Webservices

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What are “web services”?

- *A web service is defined as*
 - *A software service used to communicate between two devices on a network. More specifically, it is a software application with a standardized way of providing interoperability between different applications. It does so over HTTP using different technologies (XML, SOAP, WSDL, and UDDI).*
- *Allows data synchronisation: linking databases allowing automated transfer*
- *Eliminates the risk of manual encoding errors in the transfer*
- *Requires very specific IT skills*
- *Needs continuous update/maintenance to match the evolution of the databases being synchronised*

=> Involve your IT specialists

IT technical issues

Profile:

- **Determined by National data system (s)**
- **Familiarity with webservice**
- **DATA Synchronisation will require continuous maintenance – it is not a one off (i.e. changes in templates)**
- **On SFC side the documentation and an API is available, but active support will be strongly limited in 2021 due to the technical team is currently focused with the changes required associated to REACT-EU and the launch of the new SFC2021**
- **Some Member States already have implemented several webservice, it is advised to exchange best practices**
- **With right expertise, time investments and available documentation it is possible**

What “objects” can benefit from web services in SFC2014?

We are in the “mature” part of the period as we close 2020.

Our recommendation is to focus only on areas with highest return on investment:

- Financial Data
- Implementation Report

The screenshot shows the SFC SUPPORT PORTAL interface. The header includes the European Commission logo, the text 'SFC SUPPORT PORTAL System for Fund Management in the European Union', a language dropdown set to 'English (en)', a user greeting 'Welcome, walszho', and a search bar. The left sidebar contains navigation links for 'SFC2014', 'SFC2020', 'EC Users Area', and 'WebServices', along with a menu for 'Manuals' including 'Available Webservices' and 'SDK files'. The main content area is a table listing various objects and their access permissions.

Object	Access	Read	Write
Directory	READ	✓	✓
Document Attachment	READ / WRITE	✓	✓
Documents	READ / WRITE	✓	✓
European Innovation Partnership	READ / WRITE	✓	✗
Evaluation Report AMIF/ISF	READ / WRITE	✓	✗
Financial Data IGJ/ETC	READ / WRITE	✓	✓
Financial Data IPA-CB	READ / WRITE	✓	✗
Financial Report EGF	READ	✓	✗
Forecast of Expenditure EAFRD	READ / WRITE	✓	✓
Implementation Report AMIF/ISF	READ / WRITE	✓	✓
Implementation Report BAIDP (EAFRD)	READ	✓	✗
Implementation Report EMFF	READ / WRITE	✓	✓
Implementation Report ETC	READ / WRITE	✓	✓
Implementation Report FEAD	READ / WRITE	✓	✓
Implementation Report IGJ	READ / WRITE	✓	✓
Implementation Report IPA-CB	READ / WRITE	✓	✗
Irrecoverable Amounts EMFF	READ / WRITE	✓	✗
Irrecoverable Amounts FEAD	READ / WRITE	✓	✗
Irrecoverable Amounts IPA-CB	READ / WRITE	✓	✗
Irrecoverable Amounts SFCF	READ / WRITE	✓	✗
Major Project Notification	READ	✓	✗
Major Project Submission	READ	✓	✗
National Audit Report	READ / WRITE	✓	✗
National Programme AMIF/ISF	READ	✓	✗
Notification [?]		✓	✗
Observation Service	READ / WRITE	✓	✗
Operational Programme EAFRD (BETA) [?]	READ	✓	✓
Operational Programme EMFF (BETA) [?]	READ	✓	✓
Operational Programme FEAD (BETA) [?]	READ	✓	✓
Operational Programme IGJ (BETA) [?]	READ	✓	✓

Accessing SFC2014 Webservices

STEP 1:

Email =>

[ec-sfc2014-
info@ec.europa.eu](mailto:ec-sfc2014-info@ec.europa.eu)

to register as webservices
users

SFC2014 provides technical
documentation on
webservices for IT specialists

The screenshot shows the SFC SUPPORT PORTAL website. At the top, there are navigation links: "About Europa site", "Europa site legal notice", "Contact us", "IT security & Privacy notice", and "English (en)". The main header includes the European Commission logo, the text "SFC SUPPORT PORTAL", and "System for Fund Management in the European Union". A user is logged in as "walslho" with a "Logout" button and a search bar for "Search 2014 period". The main navigation bar includes "European Commission > SFC > 2014" and tabs for "SFC2014", "SFC2007", and "MySFC". Below this is a secondary navigation bar with "About SFC2014", "News", "Support Materials MS" (highlighted), "Support Materials EC", "Support Contact", and "Anti-Fraud". The "Support Materials MS" section is active, showing a search bar and a list of documents. The "Documents" section contains one entry: "SFC2014 General Training for MS" with a date of "26 - Aug - 2016". The "F.A.Q" section lists several questions, such as "Why is SFC2014 not displayed correctly?" and "The Object is Validated (in status 'Ready to Send') but it is not possible to Send it".

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STEP 2: Complete the certification process (for verification of connection of national systems)

STEP 3: Prove that you can work with the Webservices in the SFC2014 Acceptance environment prior to connecting with the web services in the Production environment of SFC2014

STEP 4: Go live !!

- **ES example (2019)**
- **There is complete MS Liaison list**
- **Currently some programmes (ES, IT, DE, SI) are using WS**

Next period 2021-2027

- *Intention was to offer next generation Webservices up front at the same that the Web version but the tight deadlines ahead and the fact that negotiations associated to REACT EU and CPR are still going on might jeopardise this approach (at least at the beginning of the period)*
- *Requires additional developments (as compared to SFC2014)*
 - **SFC2021 webservices refer to a complete different data model**
 - **SFC2021 web services will use different technology (REST) than SFC2014.**