Change Request form

General Information (Origin of Request)	
☐ User Requirements Document (URD)	
☐ User Detailed Functional Specification (UDFS)	
☒ User Handbook (UHB)	
☒ Other User Functional or Technical Documentation (SYS)	

Request raised by: TSWG	**Institution:**	**Date raised:** 7 July 2021
Request title: Add MS Edge to the list of supported browsers for the U2A interactions		**Request ref. no:** TIPS-0043-SYS[1]

Request type:	
1. Legal/business importance parameter: H	**2. Market implementation efforts parameter – Stakeholder impact:** L
3. Operational impact: L	**4. Financial impact parameter:** L/M
5. Functional/ Technical impact: L	**6. Interoperability impact:** L
Requestor Category: NCB	**Status:** Allocated to a release

Reason for change and expected benefits/business motivation:

Microsoft Edge is a browser used in numerous organisations and can be seen as the successor of Internet Explorer 11 when IE11 is discontinued (same vendor). However, Edge is not included in the list of supported browsers for the TIPS actors to interact with TIPS in U2A mode.

The absence of TIPS support for MS Edge would force some TIPS Actors to use Chrome or Firefox to interact with TIPS in U2A mode, and thus potentially deviate from the general IT policy of their organisation. The expected benefit of this CR is to avoid such situations and thus minimise the need and costs for the TIPS users to design and implement custom setups on user end to access TIPS.

Besides the TIPS GUI, the Edge support should be ensured also for the GUI screens of the TARGET Services Common Components[2] (ESMIG, BILL and CRDM) used by TIPS users.

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Description of requested change:

Microsoft Edge must be fully supported as a browser to access and perform actions in the ESMIG, TIPS, BILL and CRDM Graphical User Interfaces. For the specific aspect of U2A non-repudiation of origin, it is worth noting that the solution to be used for digital signature (Ascertia Go-Sign Desktop) supports MS Edge.

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Submitted annexes / related documents:

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Proposed wording for the Change request:

TIPS UHB

1) §2.3.2 Setup and login process

[…]

Supported Web-Browsers and Settings

- The following web-browser~~s~~ are~~is~~ supported:

    ❙ Microsoft ~~Internet Explorer (11)~~Edge 93.0+

    ❙ Google Chrome 88.0+

    ❙ Firefox 68.0+

- Java script and java applets are used for validations on the client side therefore 'JavaScript' and 'Cookies' have to be set to 'enabled'.
~~According to current Microsoft plans, IE11 will be supported till end of October 2020 and the 4CB plan to keep it in the qualified configurations accordingly. The complete redefinition of the qualified browsers' set and the full replacement of the applet technology will be then defined in the context of the Eurosystem Singe Market Infrastructure Gateway, being part of the ongoing T2/T2S consolidation project in line with the agreed schedule.~~

GUI Access

[…]

NRO specific requirements

- The Ascertia signing client installation onto the TIPS user workstation has to be executed manually prio~~t~~r to the first attempt to sign an instruction.

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High level description of Impact:

The aim of this change request is to add the Microsoft Edge browser as supported browser for the TIPS actors to interact with TIPS in U2A mode, through the TIPS GUI.

Changes on TIPS UHB are required.

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Impacts on other projects and products:

Functional impacts on Common Components (ESMIG, BILL and CRDM) used by TIPS users will be assessed in the context of CR0083 on CSLD side.

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Outcome/Decisions:

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	L3 analysis - General Information	
	Impact on TIPS	
Business Interface		
	A2A Interface	
X	U2A Interface	
Settlement Engine		
	Payment Transaction	
	Liquidity Transfer	
	Recall	
Queries and Reports		
	Queries	
	Reports	
Other functions		
	Local Reference Data Management	
	Statistics	
	Complex Queries and Reports	
	Mobile Proxy Look-up	
Common Components		
	ESMIG	
	CRDM	
	Archiving	
	Billing	
	DMT	
Operational Tools		
	SLA Reporting	

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	TMS	
	Technical Monitoring	
	Change Management	
	Capacity Management	
Infrastructure request		
X	Application components impacted	
	Application components not impacted	
Operational activities		
	Business activities impacted	
	Technical activities impacted	
New functionalities		

Impact on documentation		
Document	**Chapter**	**Change**
TIPS UHB	TIPS UHB, §2.3.2 Setup and login process	- Microsoft Edge described as supported browser.

Overview of the impact of the request on TIPS (L2 view)

Summary of functional, development, infrastructure, operational and security impacts

Summary of functional impact:

In order to not force some TIPS Actors to use Chrome or Firefox to interact with TIPS in U2A mode, potentially deviating from the general IT policy of their organisation, TIPS should be adapted in order to support Microsoft Edge as supported browser.

Summary of application development impact:

All the TIPS components relying on http protocol – the U2A components and the backend components related to the NRO services – have to be tested in conjunction with the MS-Edge browser and, where needed, adapted in order to support such a browser. Regression testing should be performed on CoCos GUIs' screens used under the umbrella of the TIPS Service.

Summary of infrastructure impact:

The infrastructure components that depend on the browser use – namely the client-side components used for NRO – have to be tested in conjunction with the MS-Edge browser and, where needed, adapted in order to support such a browser for the TIPS GUI.

Summary of operational impact:

The Qualified Configurations document needs to be adapted.

Summary of security impact:

See Change Request analysis.