**3GPP TSG-CT Meeting #95-eCP-220abc**

**E-Meeting, 14th – 16th March 2022**

(revision of CP-213080)

**Source: Ericsson**

**Title: Revised WID on Multi-device enhancements for device transfers**

{"Revised" to be used only for WID already approved at plenary. For Revised WIDs, two versions have to be provided in a zip file: a clean one and one with revision marks showing the differences with the previously plenary-approved WID.}

**Document for: Approval**

**Agenda Item: xxx**

3GPP™ Work Item Description

Information on Work Items can be found at <http://www.3gpp.org/Work-Items>   
See also the [3GPP Working Procedures](http://www.3gpp.org/specifications-groups/working-procedures), article 39 and the TSG Working Methods in [3GPP TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm)

# Title: Multi-device enhancements for device transfers

## Acronym: MuDTran

## Unique identifier: 940004

Potential target Release: {Rel-17}.

Note that this field above indicates the proposed Release at the time of submission of the WID to TSG approval. It can later be changed without a need to revise the WID. The updated target Release is indicated in the Work Plan.

## 1 Impacts

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Affects:** | UICC apps | ME | AN | CN | Others (specify) |
| **Yes** |  | x |  | x |  |
| **No** | x |  | x |  |  |
| **Don't know** |  |  |  |  |  |

## 2 Classification of the Work Item and linked work items

### 2.1 Primary classification

This work item is a

|  |  |
| --- | --- |
| **x** | Feature |
|  | Building Block |
|  | *Work Task* |
|  | Study Item |

### 2.2 Parent Work Item

|  |  |  |  |
| --- | --- | --- | --- |
| Parent Work / Study Items | | | |
| Acronym | Working Group | Unique ID | Title (as in 3GPP Work Plan) |
|  |  |  |  |

### 2.3 Other related Work Items and dependencies

|  |  |  |  |
| --- | --- | --- | --- |
| Other related Work Items (if any) | | | |
| Unique ID | Title | Nature of relationship |
| 880018 | Multi-Device and multi-identity Enhancements (MuDE) | *covers some of the configuration requirements* |
| 810045 | Multi-device and multi-identity | *Covers basic functionality for multi-device* |

## 3 Justification

Requirements for transfer of sessions between devices exist since release 10. Solutions documented in 24.337 are based on propriterary configuration in the UE. With MuD and MuDe specifications in 24.174 and 24.175 we now have standardized mechanisms for UEs to be aware of other devices and possibly address them. Market requirements from the car industry to be able to transfer calls to built-in UEs in the car exist.

## 4 Objective

The objective of this work item is to make use of the recent multi-device work and specify the needed enhancements to enable call transfer between devices. Both call push, where a call is pushed from the device in a call to another device and call pull, where a call is pulled from another device to the current device will be specified.

Provide the access control specfications aligned with how access control is specified for other supplementary services.

## 5 Expected Output and Time scale

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **New specifications** *{One line per specification. Create/delete lines as needed}* | | | | | |
| Type | TS/TR number | Title | For info  at TSG# | For approval at TSG# | Rapporteur |
|  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Impacted existing TS/TR** *{One line per specification. Create/delete lines as needed}* | | | |
| TS/TR No. | Description of change | Target completion plenary# | Remarks |
| 24.174 | Enhancements to procedures for call pull and call push | CT#95 |  |
| 24.175 | Possible enhancements to the MO for call pull and call push | CT#95 |  |
| 24.229 | Possible enhancements to the SIP usage for call pull and call push | CT#95 |  |
| 24.008 | Access control specification related to call pull. | CT#96 |  |
| 24.301 | Access control specification related to call pull. | CT#96 |  |
| 24.501 | Access control specification related to call pull. | CT#96 |  |

## 6 Work item Rapporteur(s)

Axell, Jörgen, Ericsson, Jorgen.Axell@ericsson.com

## 7 Work item leadership

CT1

## 8 Aspects that involve other WGs

None identified

## 9 Supporting Individual Members

|  |
| --- |
| Supporting IM name |
| Ericsson |
| Orange |
| Qualcomm |
| Vodafone |
|  |
|  |