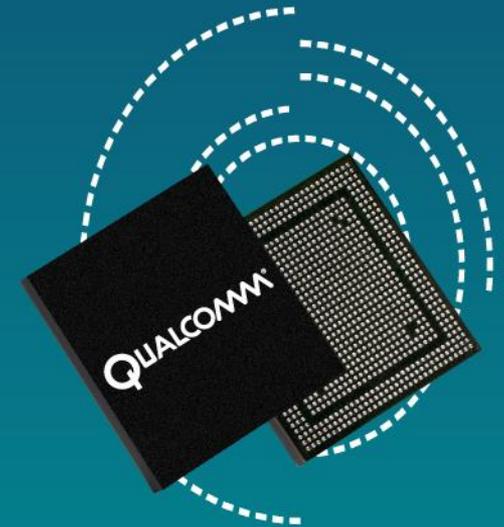




Discussion paper on SCWS Launchpad C6-140626



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EF_{LAUNCH PAD} in ETSI 102 221

- EF_{LAUNCH PAD} is described in ETSI 102 221 clause 13.5.1
- Introduced in Rel.9

- Mandatory support:
 - Support of this EF is mandatory for a UICC that supports the Smart Card Web Server
 - Support of at least one launch pad is mandatory for a terminal that supports the Smart Card Web Server

- Location: CD DF (outside any application)
- Access condition: PIN protected

- Features:
 - Supports for multiple launch pads
 - Contains alpha and 0 or more icons from EF_{ICON}
 - Supports browser identity

EF_{LAUNCH SCWS} in 3GPP TS 31.102

- EF_{LAUNCH SCWS} is described in 3GPP TS 31.102 clause 4.6.1.4
- Introduced in Rel.10

- Mandatory support:
 - Support of this EF is mandatory for a UICC that supports the Smart Card Web Server
 - No mandatory requirement for the ME to support this

- Location: TELECOM / GRAPHICS DF (outside any application)
- Access condition: Always

- Features:
 - Supports multiple launch facilities
 - Contains alpha and 0 or more icons from EF_{ICON}
 - Supports browser identity
 - Allows link to the icon (link shall point to a UICC resource)

Comparison

- Having support for both $EF_{\text{LAUNCH PAD}}$ and $EF_{\text{LAUNCH SCWS}}$ is a duplication of the same functionality
 - It is problematic to support them for the terminal (which icon should it display?)
 - waste of space on the UICC (both EFs are mandatory)
- As per current specs:
 - both files are mandatory for the UICC
 - both files are optional for a 3GPP terminal
 - $EF_{\text{LAUNCH PAD}}$ is not referenced by 3GPP specifications
 - $EF_{\text{LAUNCH SCWS}}$ is optional for ME
- $EF_{\text{LAUNCH SCWS}}$ can be read at any time, while $EF_{\text{LAUNCH PAD}}$ requires PIN verification
 - In general, SCWS can be initialized before PIN verification

Proposal

- Adding support for $EF_{\text{LAUNCH PAD}}$ in a 3GPP frozen release is problematic
 - As per ETSI specification, support is mandatory: this would cause problems to existing terminals and UICC cards.
 - We are not aware of any deployment of this EF
- $EF_{\text{LAUNCH PAD}}$ seems a better solution because it can be leveraged by 3GPP2, but needs to resolve two limitations compared with $EF_{\text{LAUNCH SCWS}}$:
 - Lack of link to icon
 - Access condition is PIN
- Proposal
 - Remove $EF_{\text{LAUNCH SCWS}}$ from TS 31.102
 - Add reference to updated version of TS 102 221 in TS 31.101 to include $EF_{\text{LAUNCH PAD}}$
 - Request ETSI SCP to update the EF with features required by 3GPP

Questions?

<https://support.cdmatech.com>

