CR-Form-v7

CHANGE REQUEST

⌘ **TS 33.234 CR CRNum** ⌘ **rev** ⌘ Current version: 1.0.0 ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐ ME ☐ Radio Access Network ☐ Core Network ☐

Title:	⌘	Alignment of WLAN reference model with 23.234v2.4.0
Source:	⌘	Vodafone, BT
Work item code:	⌘	WLAN interworking security ***Date:*** ⌘ 10/2/2004
Category:	⌘	**F** ***Release:*** ⌘ Rel-6

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	The reference models in 33.234 are not aligned with the current version of the draft TS 23.234
Summary of change:	⌘	Replace reference models with latest versions from 23.234v2.4.0. Add a cross reference to 23.234.
Consequences if not approved:	⌘	Misalignment of specifications

Clauses affected:	⌘	4.1

		Y	N		
Other specs affected:	⌘		X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	

Other comments:	⌘	

4.1 Security architecture and Roles

The reference models for WLAN interworking from TS 23.234 [13] are reproduced in the following sub-sections.

NOTE: The pictures in this chapter may contain a shaded area, which surrounds the entities for scenario 3.

4.1.1 Non roaming WLAN interworking Reference Model

The home network is responsible for access control and tunnel establishment.

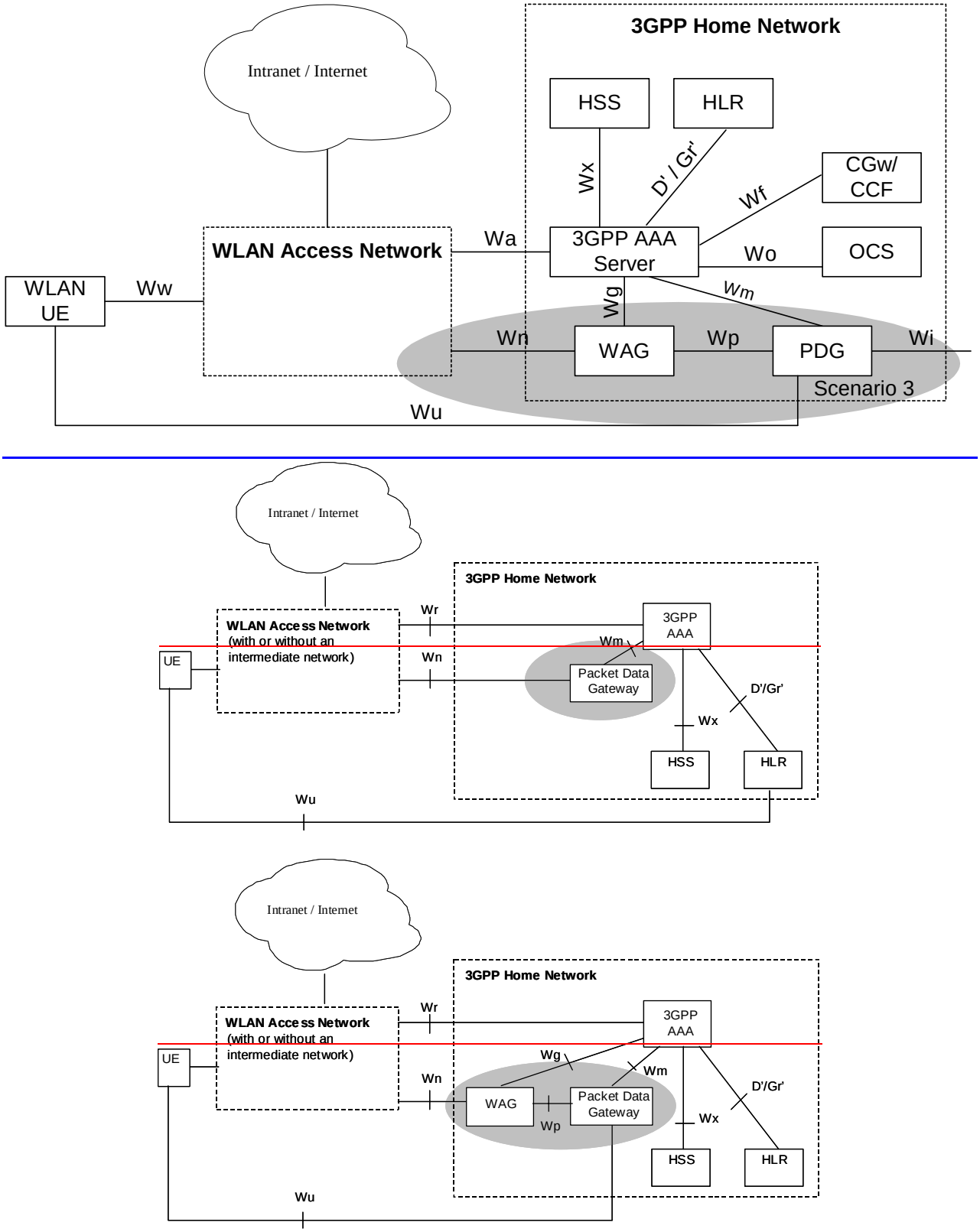
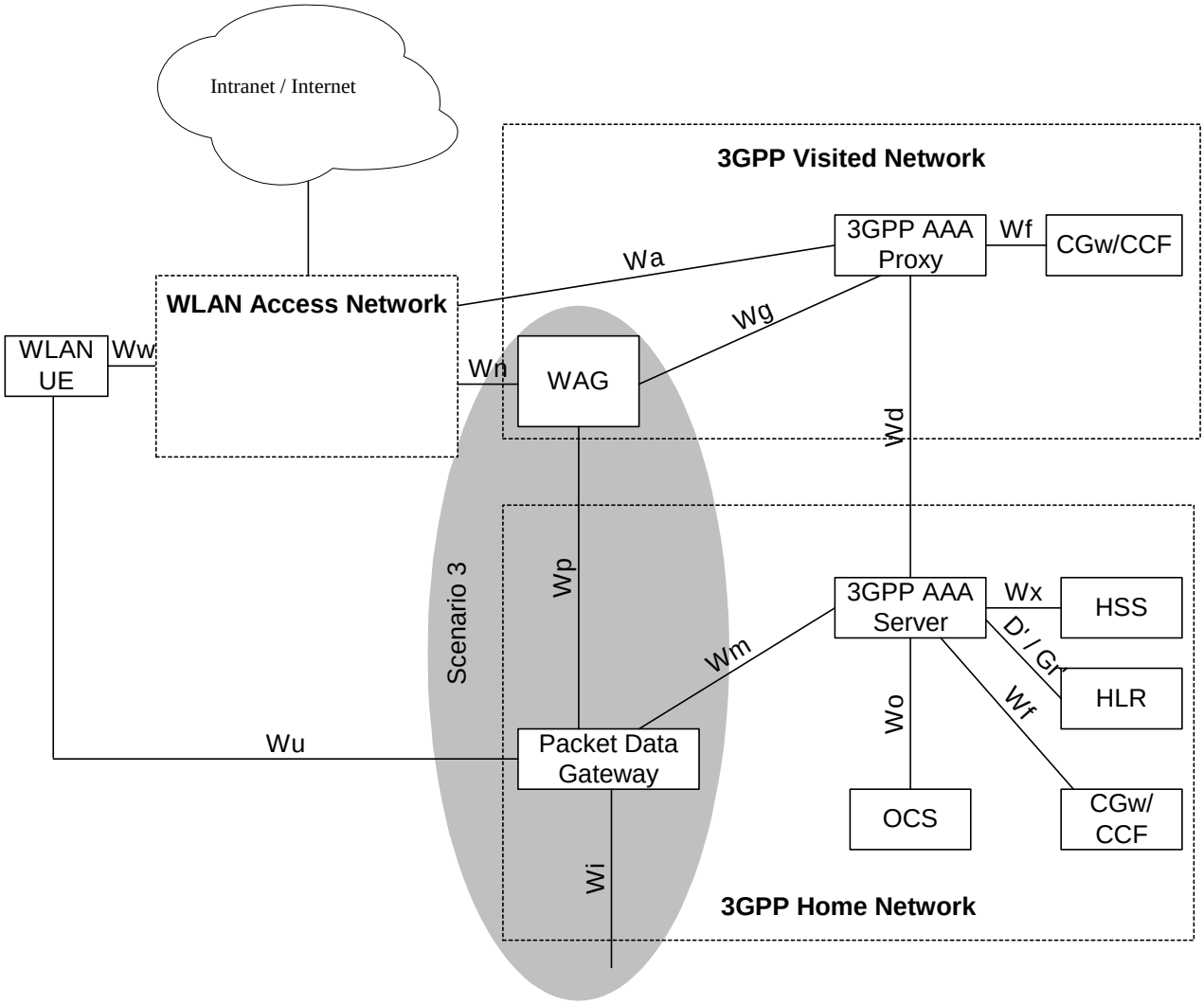


Figure 1: Non roaming reference model. The shaded area refers to scenario 3 functionality

4.1.2 Roaming WLAN Interworking Reference Model, access to HPLMN services

The home network is responsible for access control and tunnel establishment. The traffic is routed through the visited network (using the WAG).



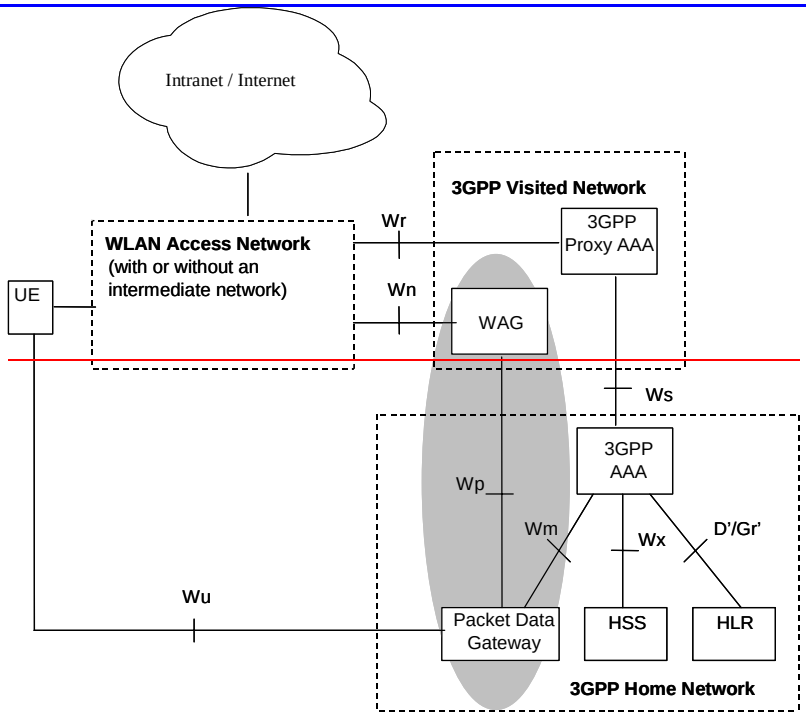
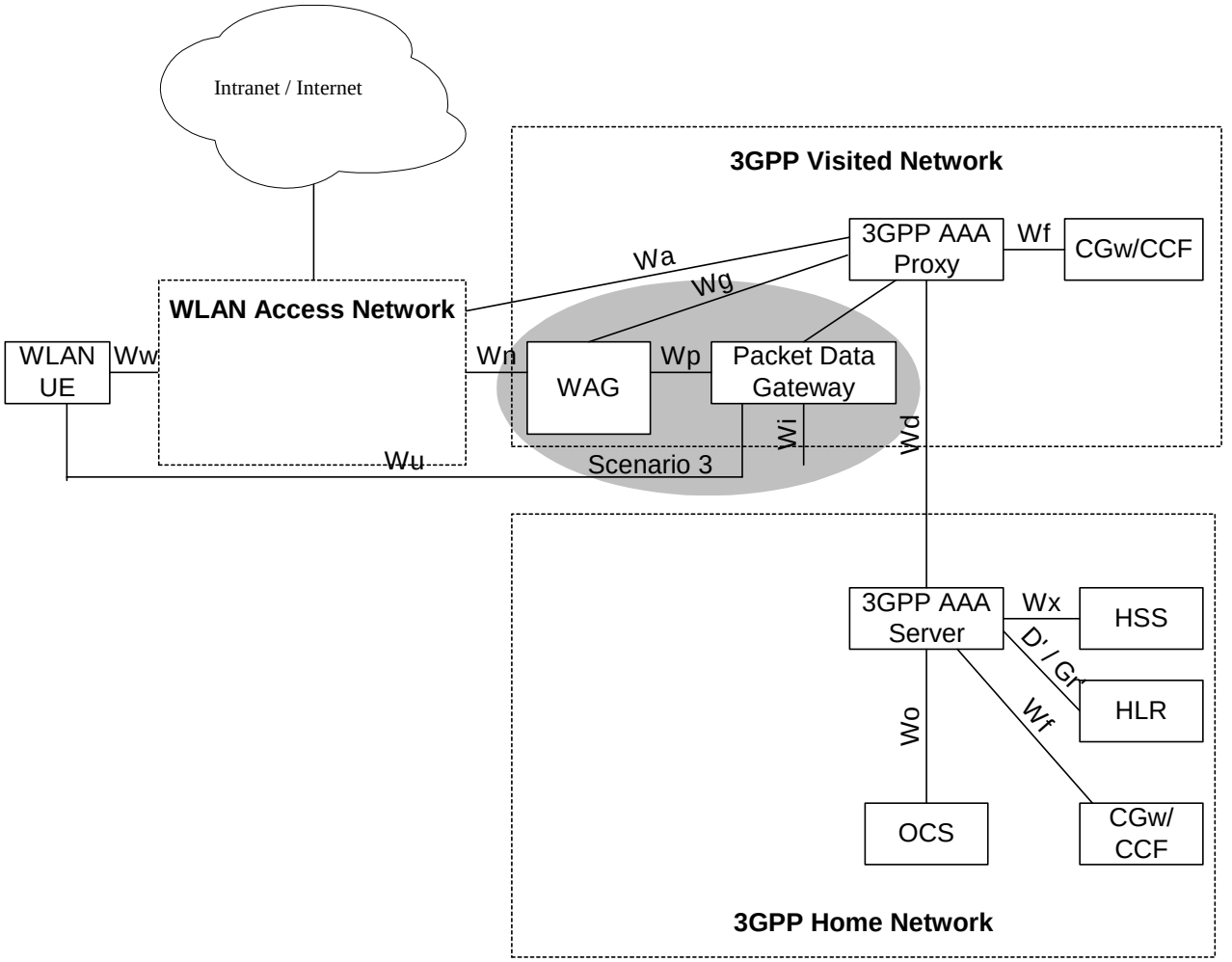


Figure 2: Roaming reference model ~~, services in the HPLMN~~ - 3GPP PS based services provided via the 3GPP Home Network (the shaded area refers to scenario 3 functionality)

4.1.3 Roaming WLAN Interworking Reference Model, access to VPLMN services

The home network is responsible for access control, but the authorization decision of tunnel establishment will be taken by the 3GPP proxy AAA based on own information plus information received from the home network. The VPLMN will take part in tunnel establishment (either the WAG or the PDGW).



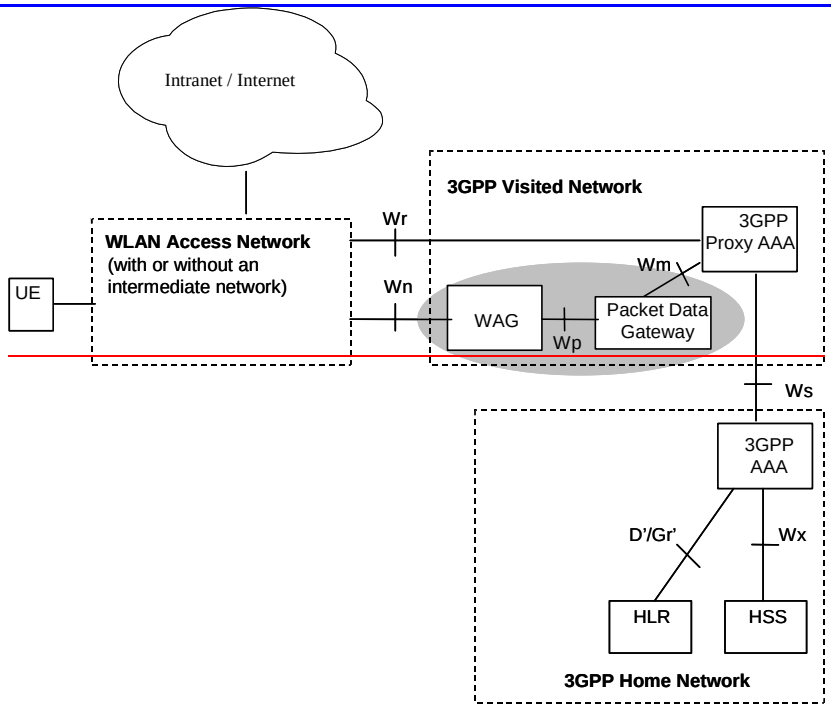


Figure 3: Roaming reference model - 3GPP PS based services provided via the 3GPP Visited Network (the shaded area refers to scenario 3 functionality), ~~services in the VPLMN~~