

Workshop - *Portugal ready for eCall*

Centro de Congressos de
Lisboa | Portugal
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Vodafone Portugal



Agenda

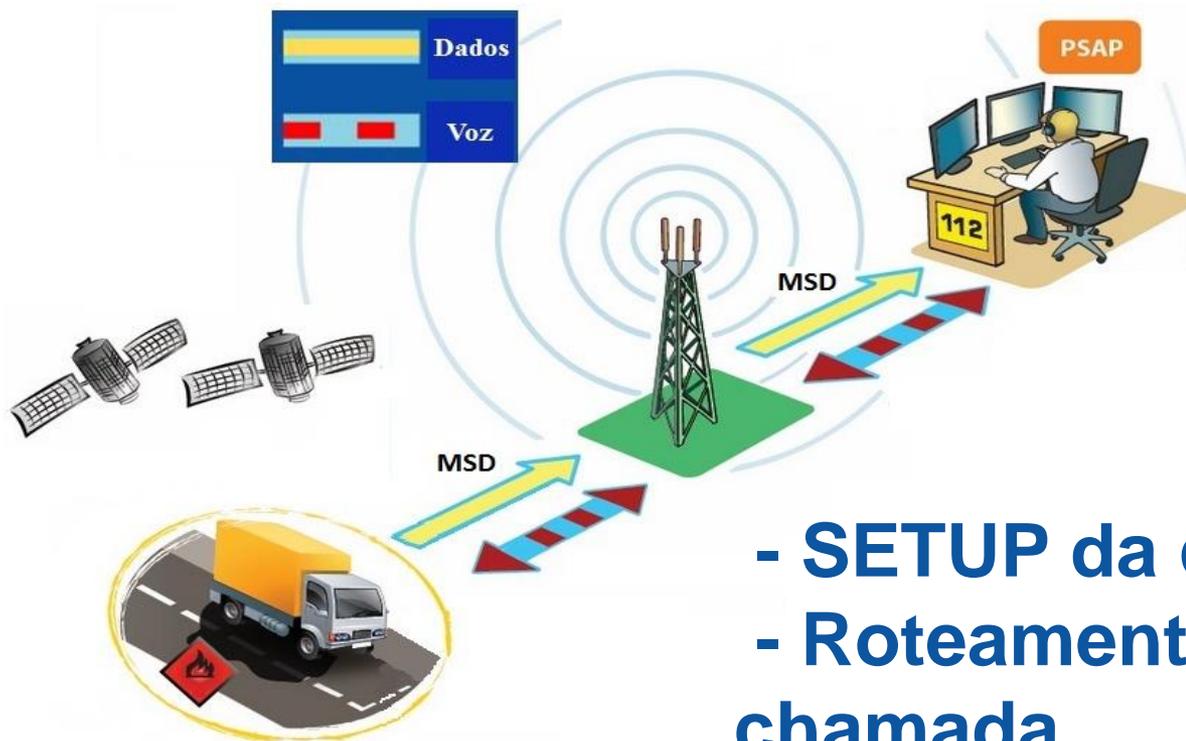
Descriminador eCALL nas redes Móveis

O impacto nas redes móveis:

- do suporte do novo parâmetro “eCall flag” (Emergency Service Category) ao comportamento actual dos smartphones



Como funciona o eCall?



- **SETUP** da chamada
- **Roteamento** da chamada

MSD – Minimum Set of Data : inclui ou pode incluir informação sobre as coordenadas GPS, o tipo de veículo ou carga, nº de passageiros , etc.



SETUP da Chamada

Novo parâmetro opcional:

3GPP TS 24.008: Service Category information element

Emergency Service Category Value (octet 3)

The meaning of the Emergency Category Value is derived from the following settings

Bit 1 Police

Bit 2 Ambulance

Bit 3 Fire Brigade

Bit 4 Marine Guard

Bit 5 Mountain Rescue

Bit 6 manually initiated eCall

Bit 7 automatically initiated eCall

Bit 8 is spare and set to "0"

“112
normal”

“112 eCall”



Roteamento da Chamada

Proposta da ANACOM

Acordada entre ANACOM e Operadores

Destino	Tipo de chamada de emergência (T)	Área geográfica da origem da comunicação
112	2	XY
112	6	XY
112	7	XY

} “112 normal”
} “112 eCall”

Valores de T:

- 2 – chamada 112 “normal”
- 6 – chamada 112 eCall manual
- 7 – chamada 112 eCall automática



Comportamento dos Terminais

Novo parâmetro opcional:

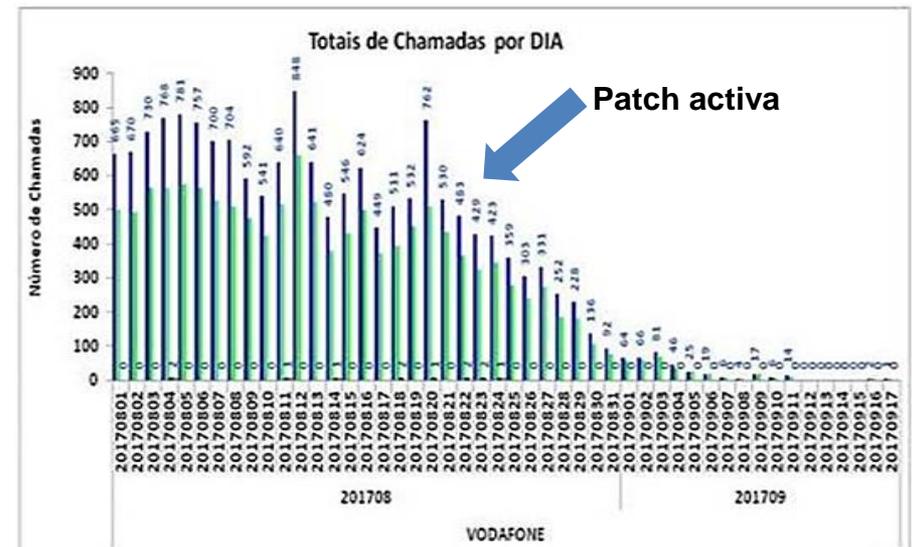
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Muitos smartphones colocam todos os bits a 1!



Questões?

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