

# **Cyber Security: Beyond 2050**

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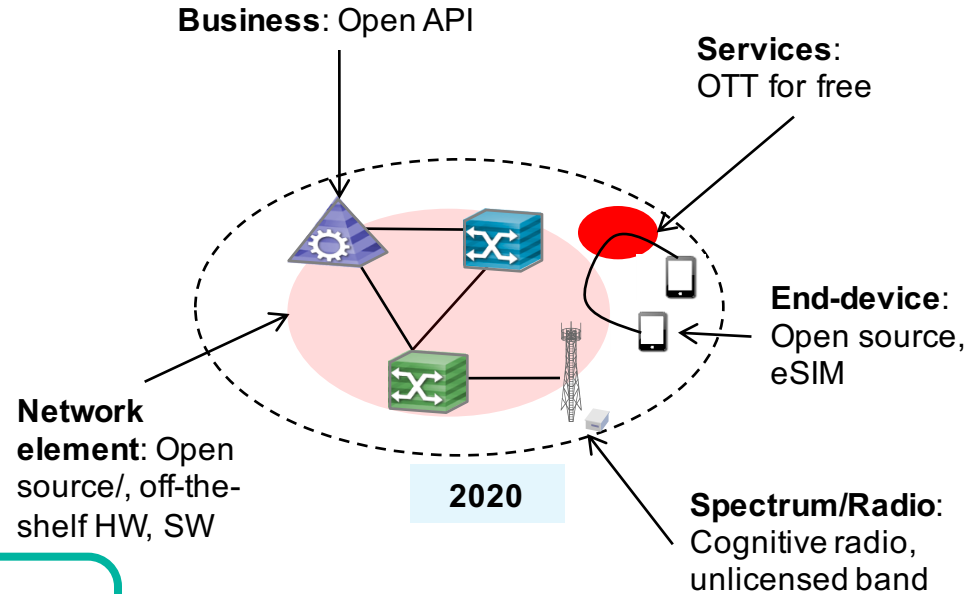
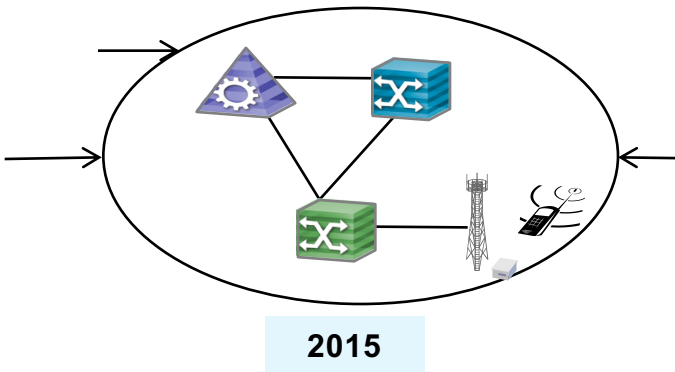
**Chief Advanced Technologist, Executive Specialist**

**Chairman 3GPP SA3**

Cyber 2050 is in 5 Years!

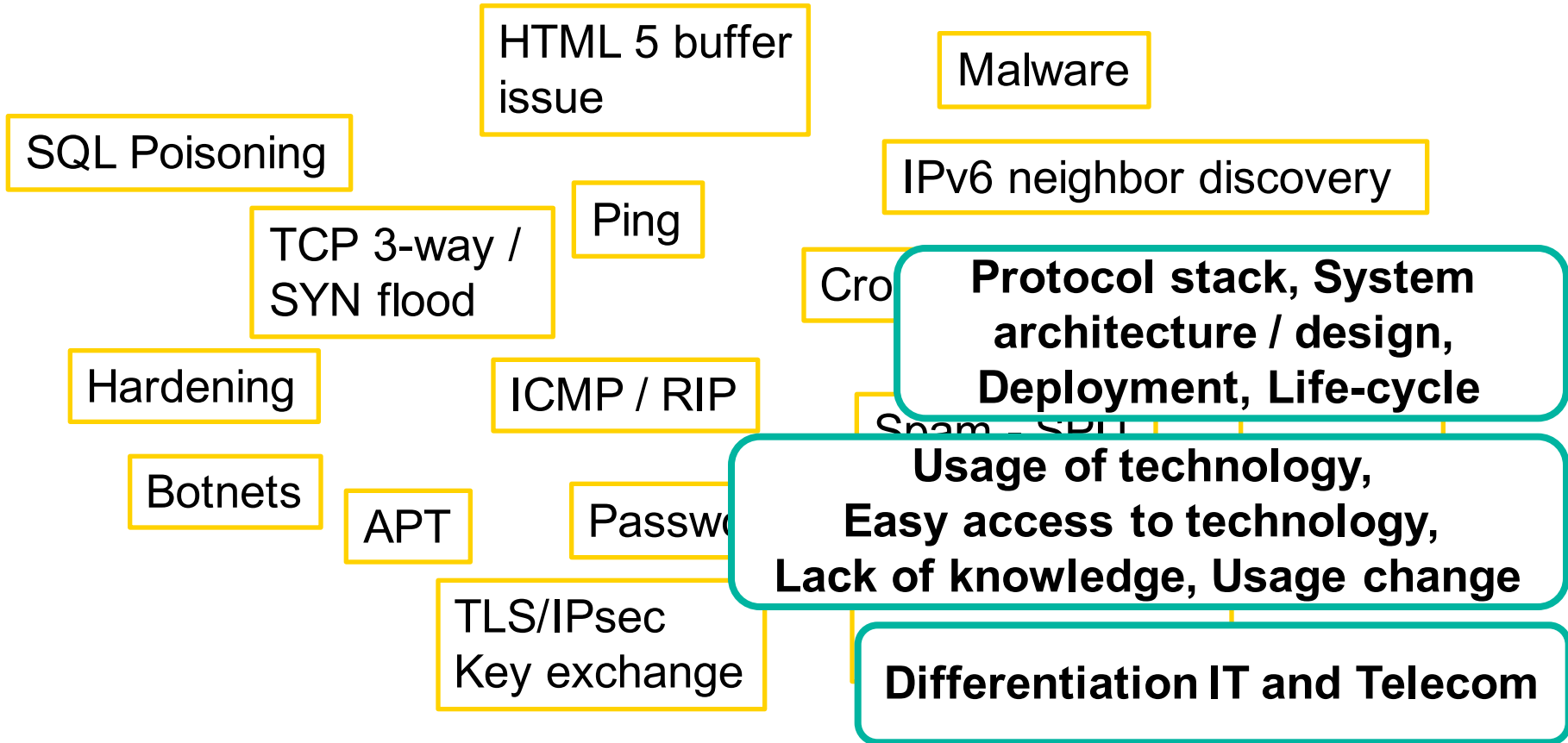
# Cyber 2050 is in 5 Years!

7 cyber years is 1 human year



**Openness, Increased connectivity,  
Reach in terms of technology & society**

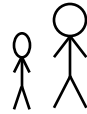
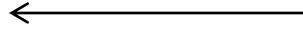
# What is Cyber Security?



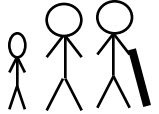
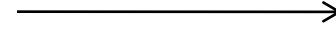
# Human Year 2050 and Cyber Security



1980



2015



2050

100s transistors

Billions of transistors

Cannot count

Limited mobility

High mobility

No mobility  
(need)

No cyber

Connected

Cyber life

No cyber threat

Coined the term  
cyber security

Cyber security  
= Life

2050 – Cyber security  
will be life!

# Make things happen!

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