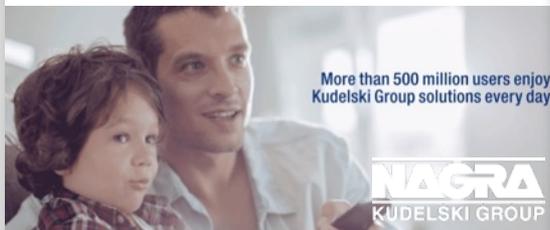




WhiteNoise  
ITU GSS

# Kudelski Group

## Content Security Solutions



### World Leader in Integrated Content Security Solutions

- Leading provider of content security solutions to the world's largest digital television service providers
- Securing >\$70B annual content revenues
- +2,100 employees

## Public Access Security



### World Leader in Public Access Solutions

- Global leader in access and revenue management solutions, providing fast and safe access for people and vehicles
- Securing >10,000 locations in >90 countries
- +1,200 employees

## Cybersecurity Solutions



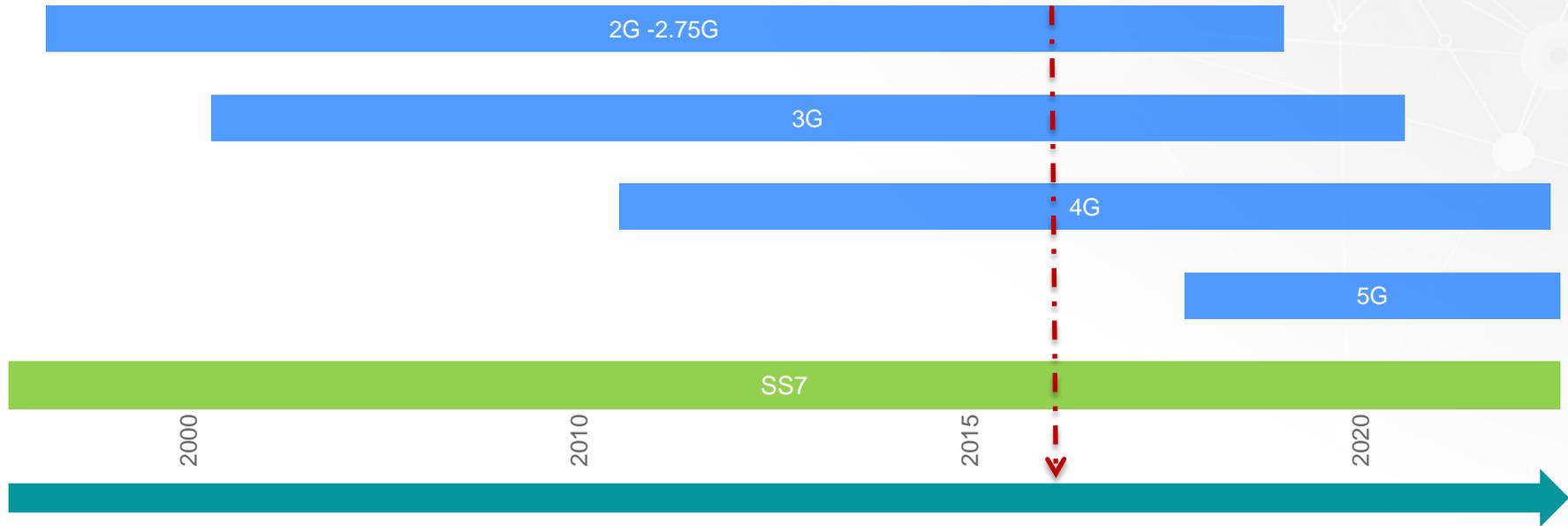
### Switzerland's Largest Cyber & Media Security Company

- Innovative, independent provider of tailored cybersecurity solutions to enterprises and public sector institutions
- Milestone Systems acquisition in May 2016
- +300 employees

- Founded in **1951**
- **950M** CHF in Revenue, (KUD: SIX EX)
- Operating in **32 countries**

- **200M** CHF R&D budget
- **4,500** patents, **300** new annually
- **3,600** employees

# Telecom Network & Protocols



1. Telecom Networks are very heterogeneous and evolving slowly
2. Networks and protocols have security flaws and cannot be the base of the security

# Re-inforce Security & Privacy over Untrusted Network

Our view based on 25 years of fighting piracy in the PayTV world and securing over 300 millions devices:

1. Over the top approach independent of networks and protocols
2. Hardware Security Component Based solution scalable to millions
3. Cross-platform approach
4. Compatible with legal intercept without backdoor

# WHITE NOISE – In a nutshell

## Secure Unified Communication for:

- Voice
- Instant messaging

## Ensures:

- Content Protection
- Content Integrity
- User Authentication

SWISS  SOLUTION

Support for off-the-shelf devices

**Mobile and computers**



Full end-to-end **hardware encryption**

# Bringing Back Sovereignty & Trust

National Sovereignty is a key point:

A lot of software over the top solutions are operating outside of the countries resulting in:

1. Shrinking Revenue for local operators & Shrinking Taxes for local government
2. Loss of Sovereignty for local Government on legal intercept
3. Questionable level of Security depending on the solution's country of origin

**=> Our approach is to increase local operator Revenue and Sovereignty in each Country.**