SAT>IP - Satellite TV on every screen in the home

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AGENDA

- What is SAT>IP?
- How can a satellite customer benefit from it?
- What are the usage scenarios?
It used to be so simple...
…but it isn’t anymore!
It soon may be simple again!
Scope of SAT>IP

SAT>IP will enable for a Satellite TV household:

1. MultiScreen: content available on several devices
2. MultiRoom: content available in several rooms

SAT>IP fundamentally changes satellite reception technology:

SAT>IP removes the DVB-S/S2 layer and converts signals onto the IP layer

SAT>IP is an enabling technology and not a device specification
**▲ SAT>IP: SES’ objective**

For Free-To-Air Markets (with mainly unencrypted Services):

**Target is to create a **common industry standard** that will assure interoperability of satellite-to-IP gateways and IP receiver implementations of different manufacturers**

For Operator/Pay-TV Markets (with mainly encrypted Services):

**Target is to offer to the operator a **toolbox of standard components** to be used and adapted to the specific needs of the platform**
Usage Scenarios for SAT>IP

Conceptual
Use Case: Easy upgrade to SAT>IP for existing Satellite Households

- Connected between satellite multiswitch and in-home network
- Alternative: SAT>IP Multiswitch which allows one compact device
Use Case: SAT>IP for Pay-TV Operators

- Master STB/PVR forwards live streams to IP clients on the in-home network
  - “operator model” for a multiple screen environment
Use Case: SAT>IP for Telcos or for a Operator/Telco cooperation

- DSL Router (Universal Service Gateway) provided by Telco with Satellite reception integrated (SAT>IP feature inside)
- 3-play solution with Internet services, IP Telephone services and Satellite TV
- No last mile or backbone traffic for broadcast media services
And then: The IP-LNB

- 4+ programmes simultaneously
- Powered over Ethernet
## First SAT>IP industry partners

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Thank You!

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