## **Opportunities & Challenges of Licensing Programs in Operating Companies**

### **Moderator:**

Ron Laurie, Chairman, InventionShare; Managing Director, Inflexion Point Strategy

## Panelists:

Bill Goldman, Vice President, Intellectual Property, NAGRA/Kudelski
Craig Mitchell, President, Invensas
Patrick Patnode, President, Licensing & Technology Ventures, GE Ventures
Stefan Tamme, Vice President IP Strategy & Licensing, Rambus, Inc.

### **KUDELSKI MAIN BRANDS AND ACTIVITY LINES**

#### **INTEGRATED DIGITAL TV**

**Core activities:** 

- Integrated content protection and multi-device user experience solutions to reach users at home and on the move
- Modular cost-efficient solutions to deliver pay-TV content securely over broadcast, Internet and connected devices
- Smart devices for digital TV including Conditional Access Modules and set-top boxes
- Watermarking technologies and solutions to protect media content against illicit redistribution

#### Growth initiatives:

- Tailor-made cyber security solutions and services for enterprises, financial institutions, government administrations and media customers
- Development, protection and licensing of the Group's innovations
- Technology and services to support companies across all industries in securing their Internet of Things innovations

#### **PUBLIC ACCESS**

 Integrated access and management solutions for car parks, ski lifts, sports, entertainment and exhibition facilities 







Intellectual Property IoT Center of Excellence

**SKIDATA** 

## HIGHLY RECOGNIZED TRACK RECORD OF INNOVATIONS

1951



Launch of NAGRA I, the first professional portable recorder

#### 1968



Introduction of NAGRA IV. the most successful NAGRA in the world



SKIDATA invents the first handsfree ski system

#### 1989



CANAL+ adopts Kudelski's access control system for pay TV

1995



First digital TV access solutions

#### 2006



Conditional access modules based on the CI+ standard are added to the Group's offering

2015



Kudelski Security launches the first proprietary solution to monitor Internet security





Launch of NAGRA'S intuiTV, a cutting-edge user experience platform



### THE WORLD'S MOST PRESTIGIOUS AWARDS

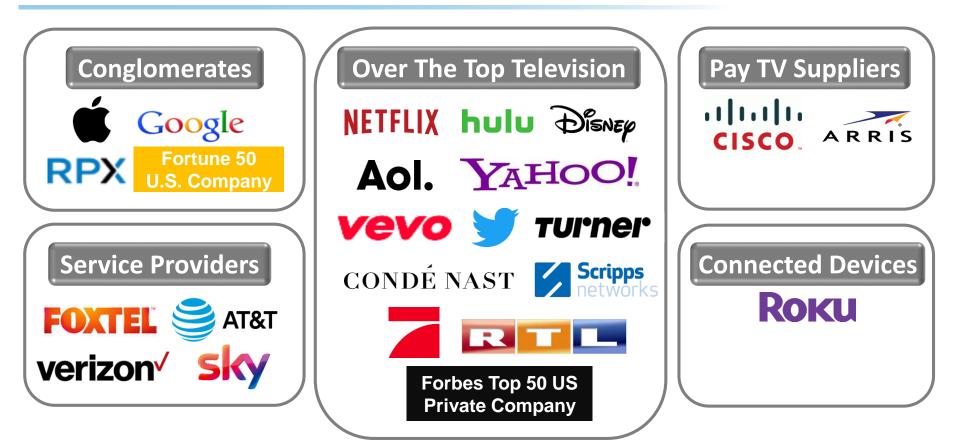


#### Emmy Award from the National Academy of Television Arts and Sciences for Outstanding Achievement in technical/engineering development



© 2017 KUDELSKI GROUP / All rights reserved.

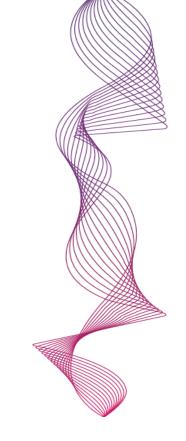
## **KUDELSKI LICENSING PROGRAMS**





# **Xperi Corporate Overview**

November 2017





# **XPERI**

## VISION

We bring sensory experiences to life ....sight, sound and beyond

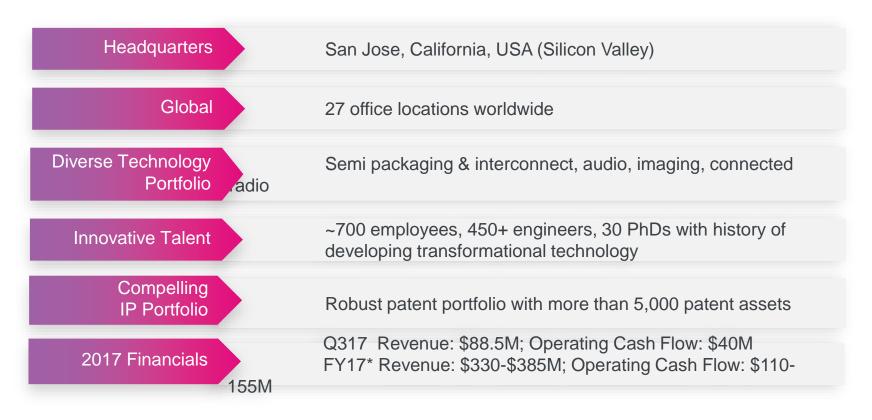
## MISSION

We invent and deliver technologies that enable immersive experiences through smart devices

## **Enabling Extraordinary Experiences**



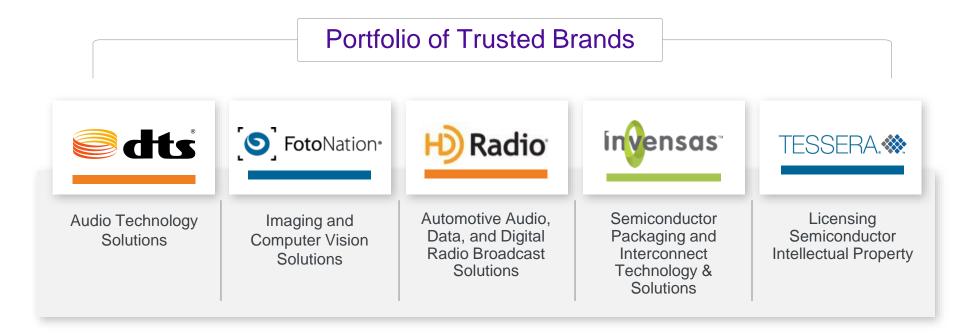
# **XPERI** Overview



8

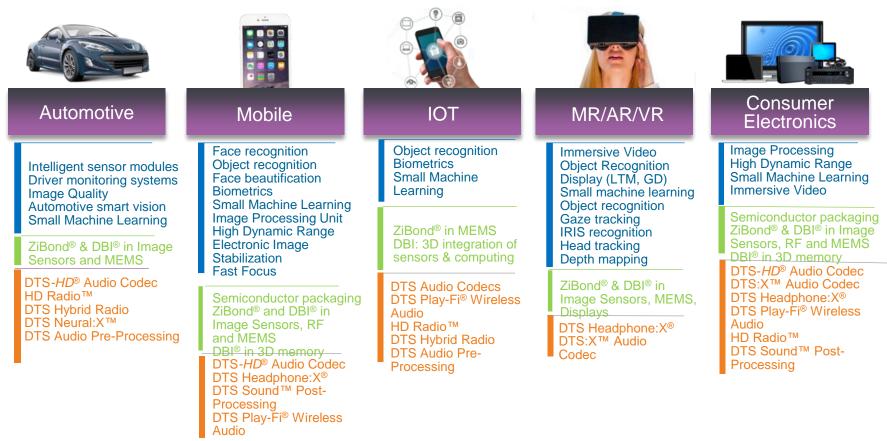
#### **XPERI**







## Comprehensive Technology Portfolio Addressing Various End Markets



## The Result: **XPERI** is in Billions of Devices Today

DTS audio technologies	Over 2 billion devices
FotoNation <sup>®</sup> imaging hardware and software	Over 2.9 billion devices
ZiBond <sup>®</sup> and DBI <sup>®</sup> interconnect technologies	Over 1 billion smartphones
Tessera packaging/ interconnect IP	Over 100 billion chips

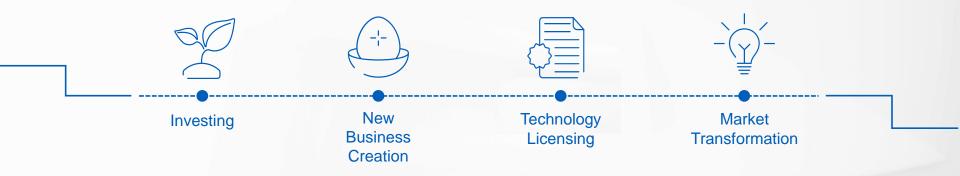


# Licensing & Technology Ventures LES Silicon Valley

November 15, 2017

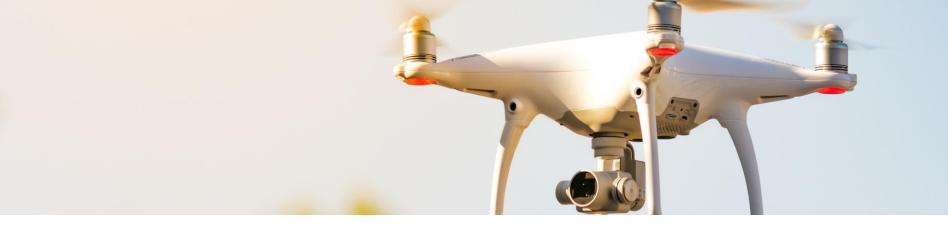
Use this second line if additional confidentiality disclosure information is required.

## How we work



### A multimodal innovation platform





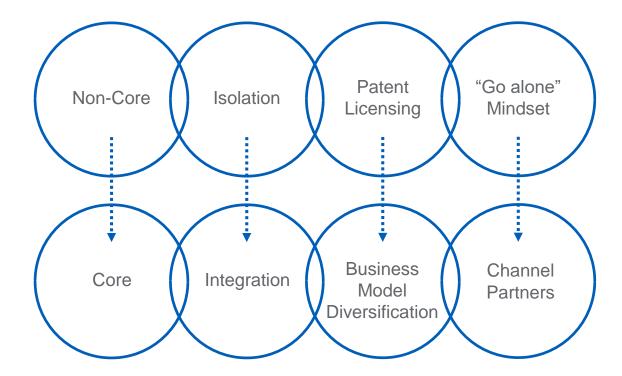


# **Technology Licensing**

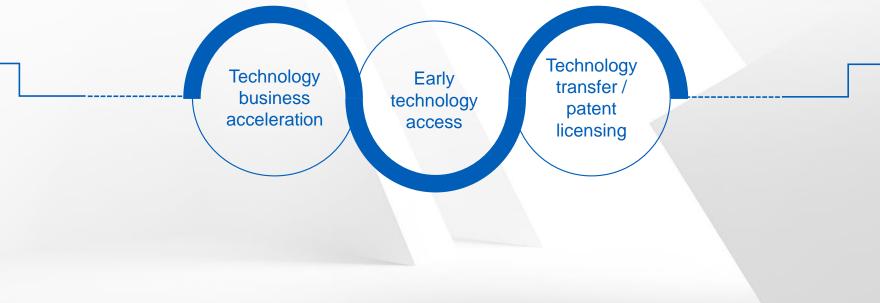
We provide access to GE's vast technologies and business acumen to accelerate our partners' innovation.



Technology Licensing – Our Approach









## **Rambus Introduction**

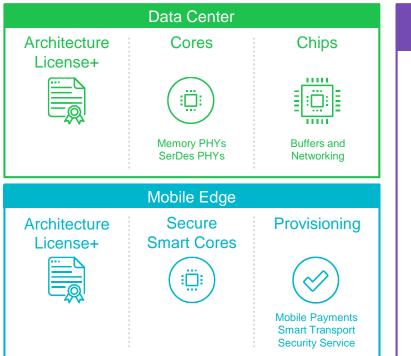
## Stefan Tamme VP of IP Strategy & Licensing

November 15, 2017





## **Rambus At-a-Glance**



Innovations & **Architectures** Advanced Memory Research Storage Class Memory DDR5 Cryogenic Computing Next-Generation Secure Payment Next-Generation Smart Ticketing

### **Corporate Facts**

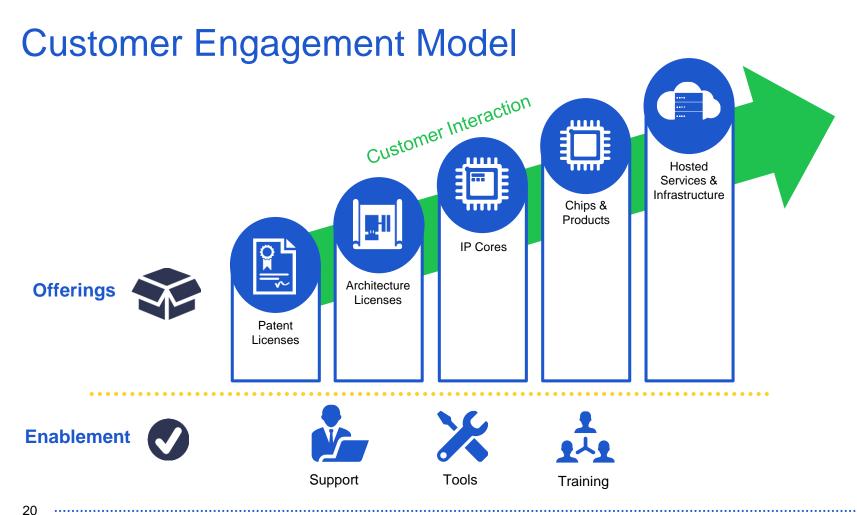
- NASDAQ: RMBS, Inc. in 1990; IPO 1997
- Headquartered in Sunnyvale, CA
- Operations throughout North America, Europe & Asia
- Q317 Revenue: \$99.1M
- 2016 Revenue: \$336.6M
- ~800 employees
- ~2,500 patents & applications

#### Markets Served Data Center

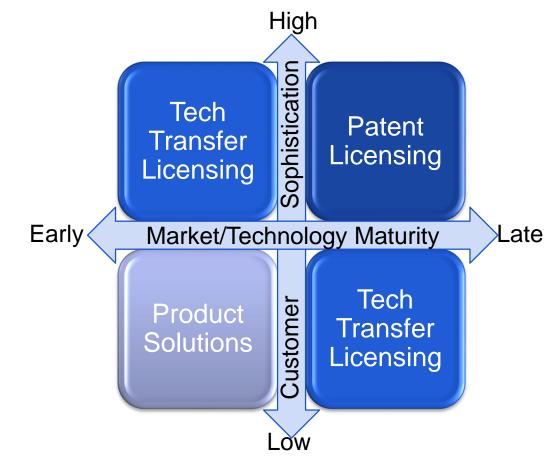
- Acceleration + lower power
- System-level architectures
- Innovative products to support needs

Mobile Edge

- Secure endpoints = secure data
- Hardware root-of-trust
- Value and monetization for end-user services



## The Right Offering for the Right Opportunity



R

21

# Licensing Programs and Example Customers





