

Hi, we're

brainchip 

October 2015 Investor Presentation

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You're about to  
see a brand new  
technology.

There's a lot to absorb,  
so get comfy.

Nearly everyone  
has a smartphone.

But what makes  
a smartphone smart?



Its brain.

However, phones  
are programmed  
to be smart,  
using software.



Li-ion Polymer Battery  
3.82V  $\approx$  6.91Whr  
APN: 616-0805



**WARNING**  
Authorized Service  
Provider Only  
Potential for fire or  
burning. Do not  
disassemble, puncture,  
crush, heat, or burn.



TIS 2217-2548  
Apple South Asia  
(Thailand) Limited



1810mAh  
Apple Japan

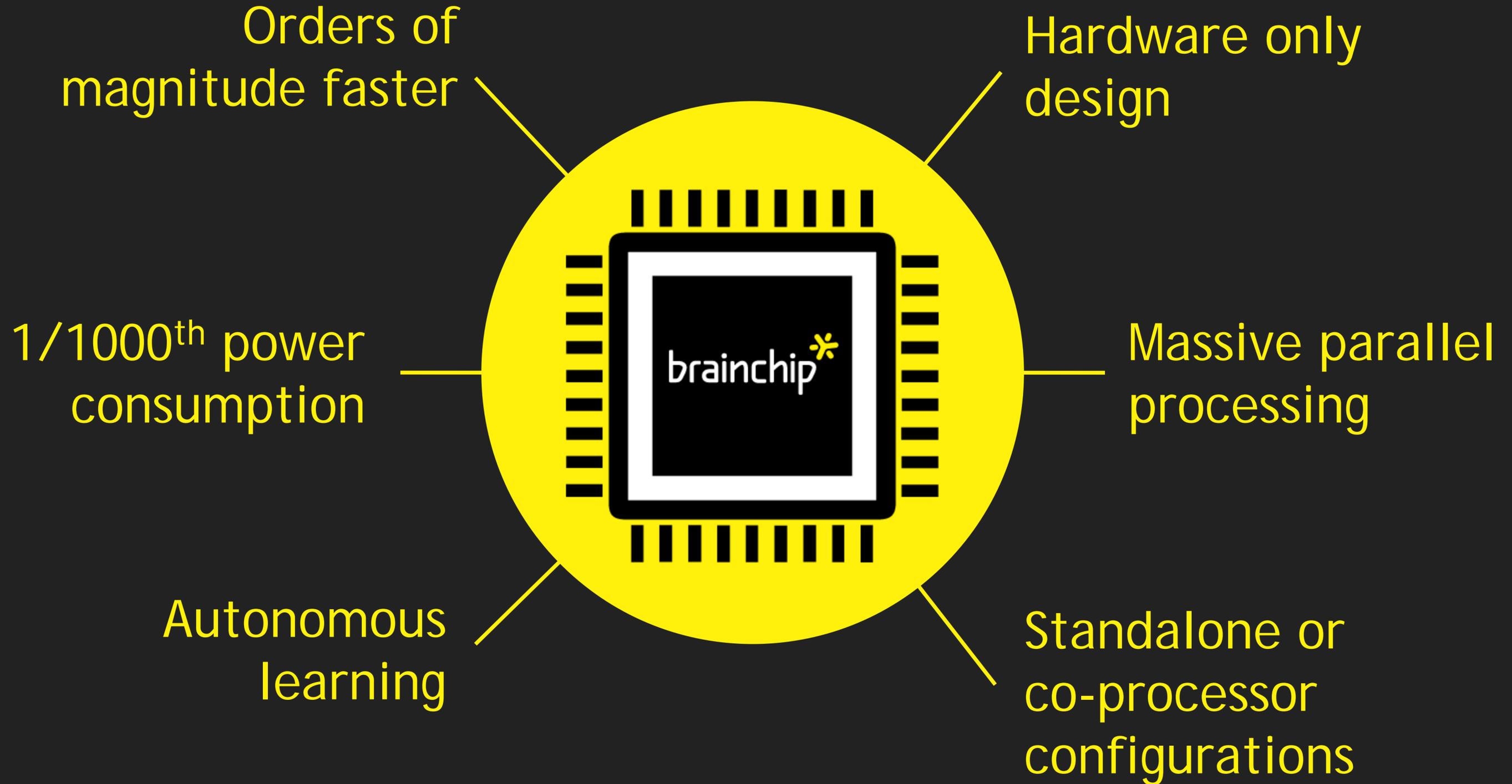
**We have a technology  
that is truly smart.**

And it's orders of magnitude faster  
than current technologies

It's called Spiking  
Neuron Adaptive  
Processor technology.

And it has a handy acronym: SNAP.

**We've been developing SNAP  
for over 10 years and its  
capabilities go far beyond  
speed improvements.**



**SNAP is true Artificial Intelligence that learns and operates at speeds that can exceed the human brain.**

# How SNAP compares to current AI.

## Sigmoid Neuron Processors

- High latency with software overhang
- Designed for very specific tasks
- Requires a huge server facility
- Relies on cloud-based storage

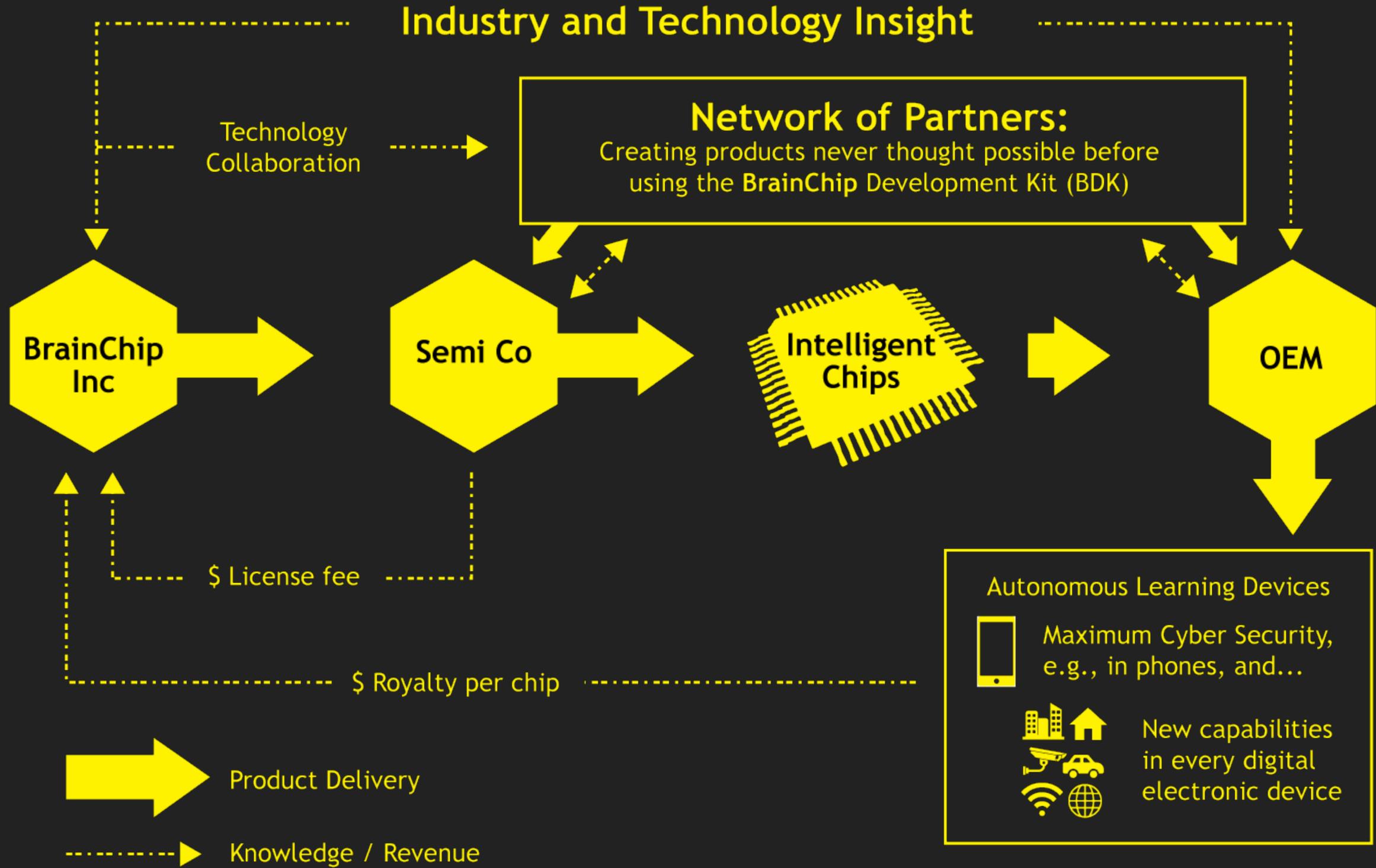
## SNAP

- Extremely low latency
- Learns from a wide variety of inputs
- A small network of microchips
- Processes and stores information onboard

One SNAP neuron is  
the equivalent of  
4997 Sigmoid neurons.

Our smarts are our  
biggest asset.

BrainChip is an IP licensing business,  
so our business model will focus  
around licensing, engineering fees  
and royalty streams.



# Our market opportunities.

As well as our current discussions with potential technology partners, and series of products in the pipeline, we have identified two strategic areas of focus.

Smartphones and the Internet of Things (IoT).

## What Wikipedia says about the Internet of Things.



The network of physical objects or "things" embedded with electronics, software, sensors, and network connectivity, which enables these objects to collect and exchange data.

## What Wikipedia says about the Internet of Things.

“

Experts estimate that the IoT will consist of almost 50 billion objects by 2020.”

# SNAP and the Internet of Things.

SNAP technology can be embedded in IoT devices paired with various sensors, to monitor temperature, emissions, traffic cameras, CCTV and more.

The IoT sector is forecast to be a multi billion dollar market segment.

# SNAP's future milestones.

## Milestone 2

BrainChip Spiking  
Neural Network

SNAP implemented  
in Hardware

Demonstrates the  
advanced nature of  
the SNAP technology

Enables scalability

Delivery: within 1 month

## Milestone 3

SNAP Client / Server API

Allows for product deployment  
on server

Proves configurability

Proves scalability

Delivery: expected  
1<sup>st</sup> Quarter 2016

## Beyond

BrainChip Development  
Kit (BDK)

BrainChip Experimenters  
Kit (BEK)

SNAP 64 Chip

SNN Accelerator System

Delivery: Over the next 24 months

**We plan to build a broad portfolio of global patents.**

We have 1 granted patent and five patents pending.

We plan to build a broad portfolio of global patents.

BrainChip has a large number of patents in progress.

# The brains behind BrainChip



**Mick Bolto**  
Chairman

Legal and Corporate background.



**Peter van der Made**  
Executive Director,  
CTO and Interim CEO

SNAP inventor,  
previous Chief  
Scientist at IBM.



**Adam Osseiran**  
Non Executive  
Director

Engineering  
background with  
extensive technical  
business development  
experience.



**Anil Mankar**  
Chief Operating  
Officer

An accomplished Senior  
Engineer with full  
product development  
lifecycle experience.  
Held senior positions  
at Western Digital,  
Connexant, MindSpeed  
and Rockwell.



**Neil Rinaldi**  
Non Executive  
Director

Corporate background  
with an emphasis on  
M&A, capital raising &  
business development  
initiatives.

# Let's recap.

We're a team of experienced innovators with a disruptive technology and a diverse revenue model.

This is a global opportunity, we are at an advanced stage of commercial development, and we'd love to have you on board.

Pick our brains.

Questions...

For further enquiries:

Neil Rinaldi - Non Executive Director

E:[nrinaldi@brainchip.com.au](mailto:nrinaldi@brainchip.com.au)