

Hi, we're

brainchip



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**You're about to
see a brand new
technology.**

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

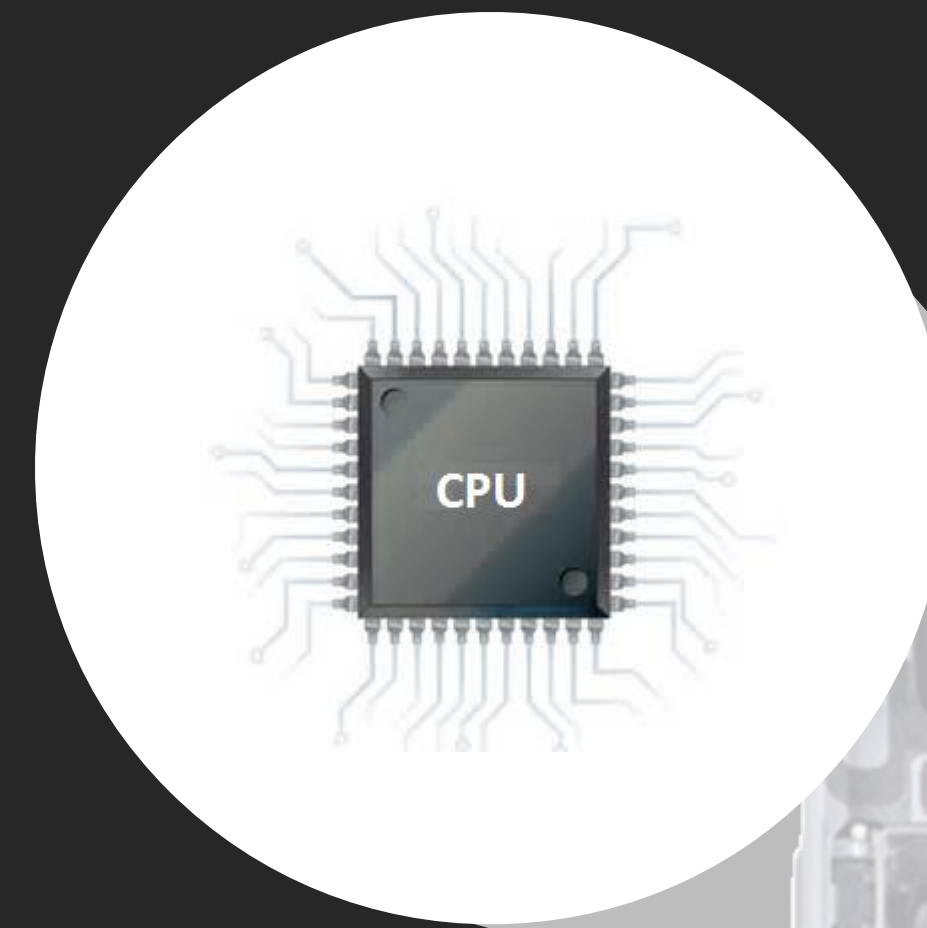
**Nearly everyone
has a smartphone.**

But what makes
a smartphone smart?



Its “brain”.

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



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

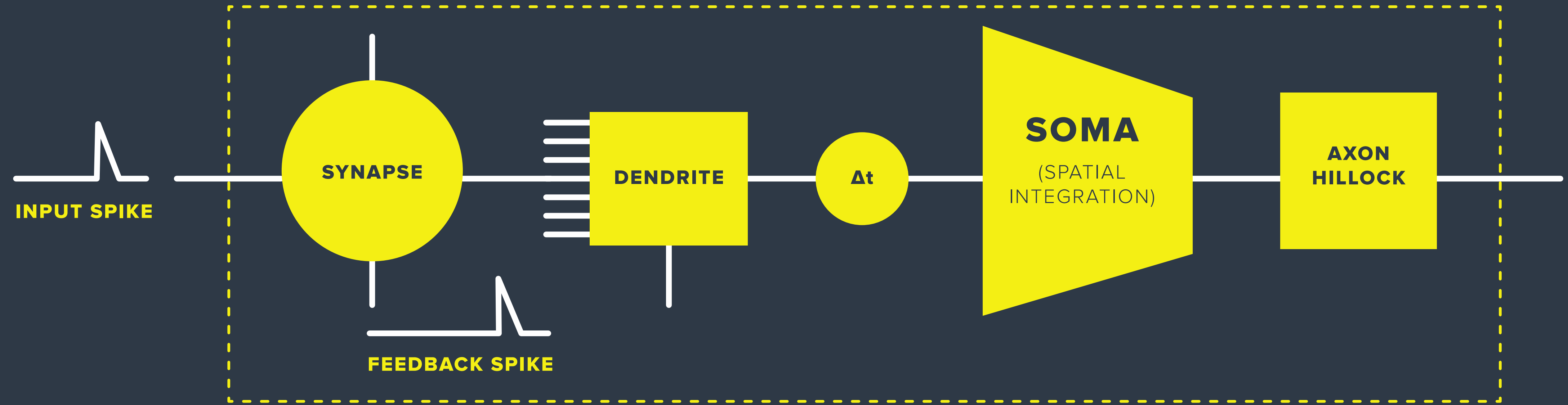
And it's orders of magnitude faster
than current technologies

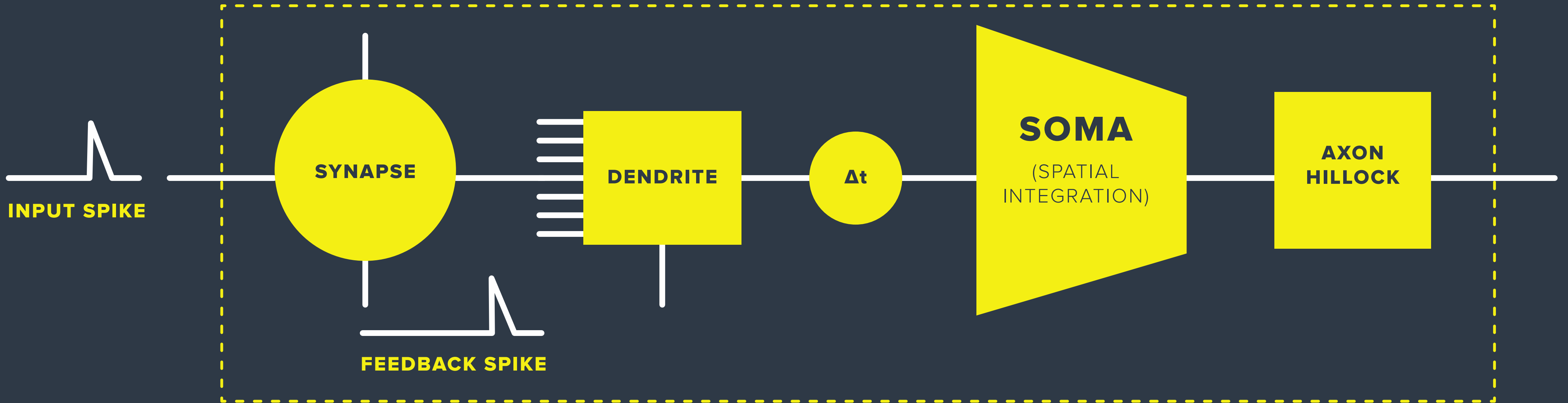
**It's called Spiking
Neuron Adaptive
Processor technology.**

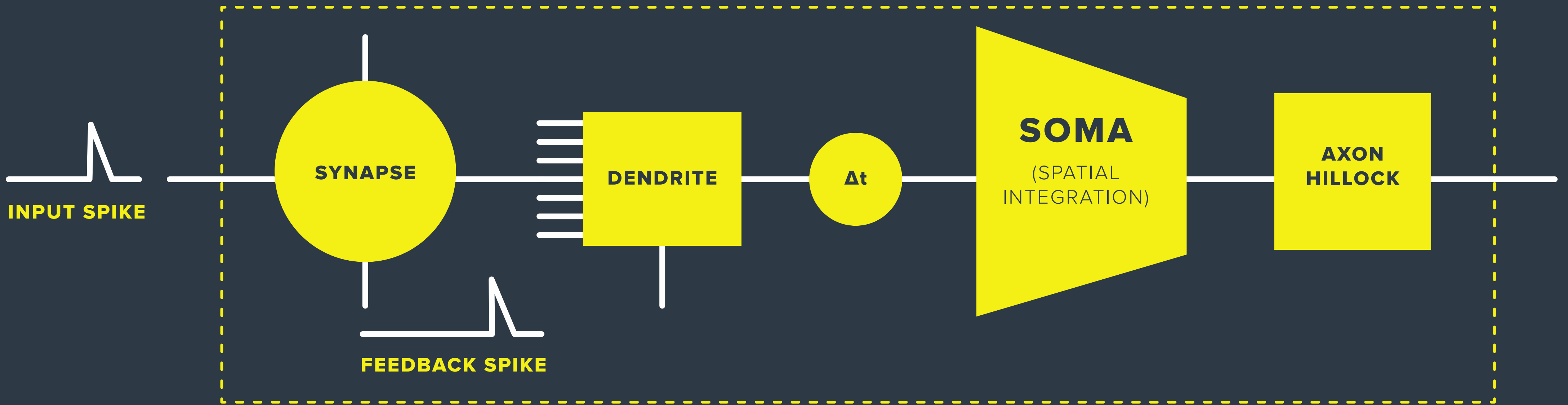
And it has a handy acronym: SNAP.

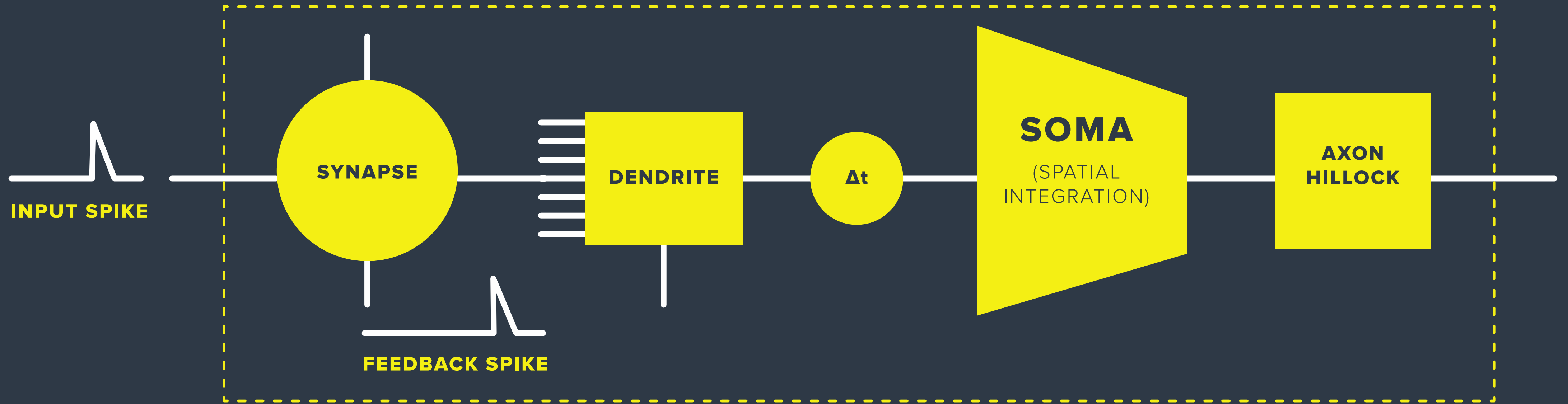
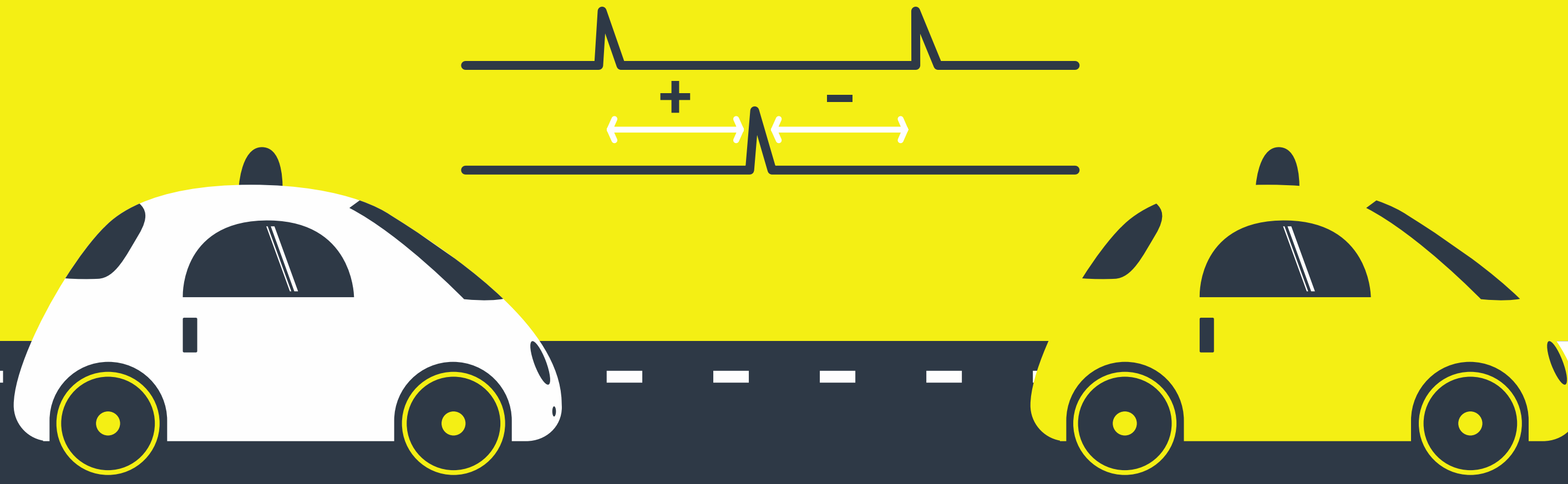
**We've been developing SNAP
for over 10 years and its
capabilities go far beyond
speed improvements.**

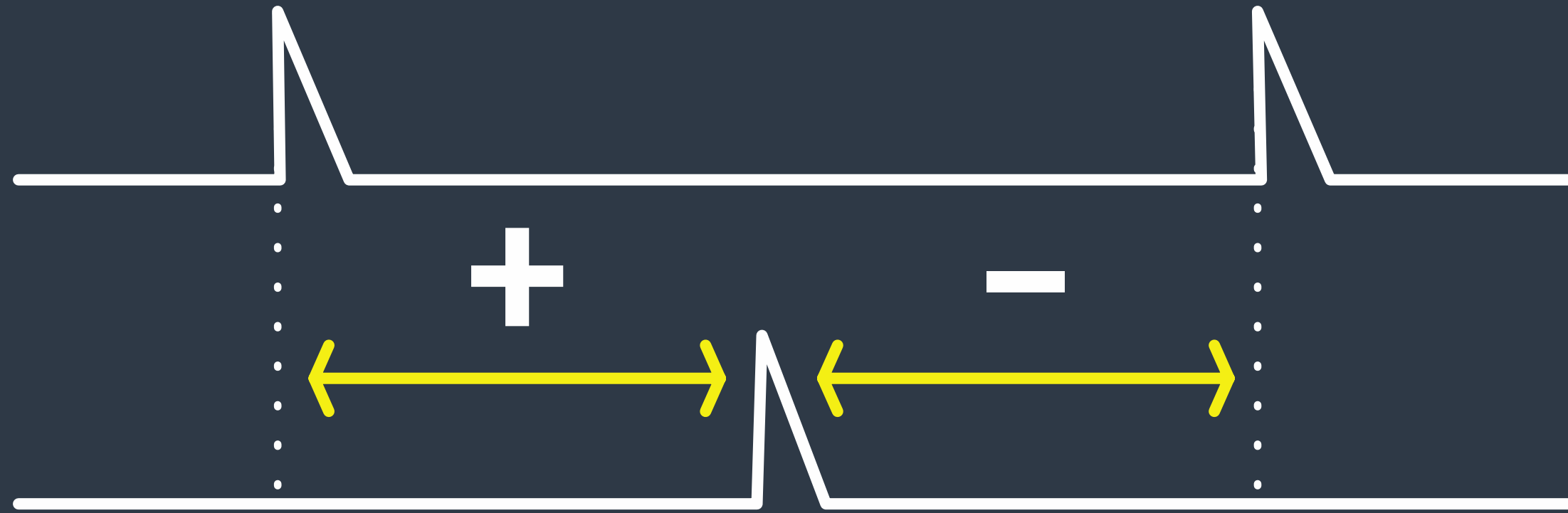
So how does it work?



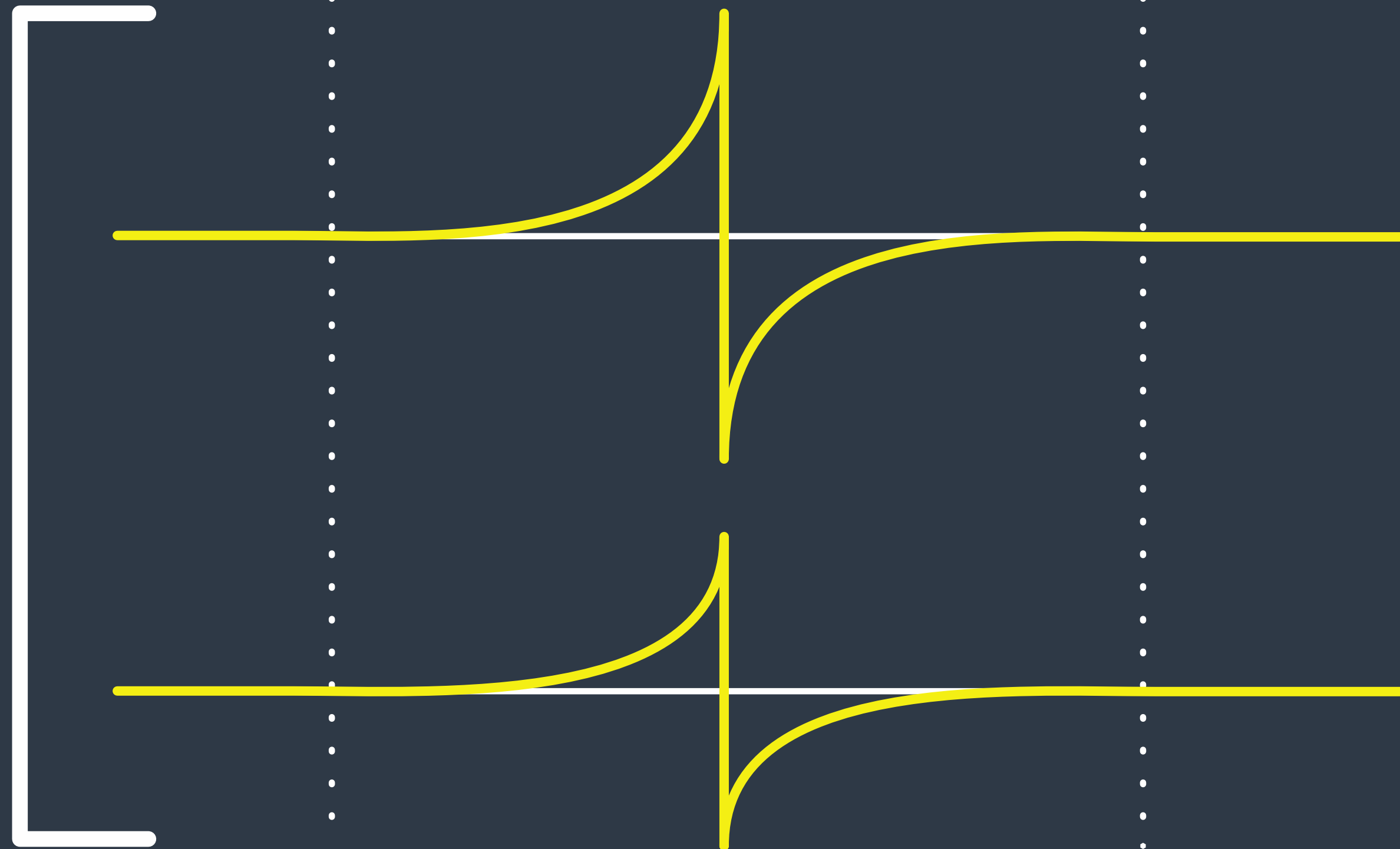








**AUTONOMOUS
LEARNING
CURVE**

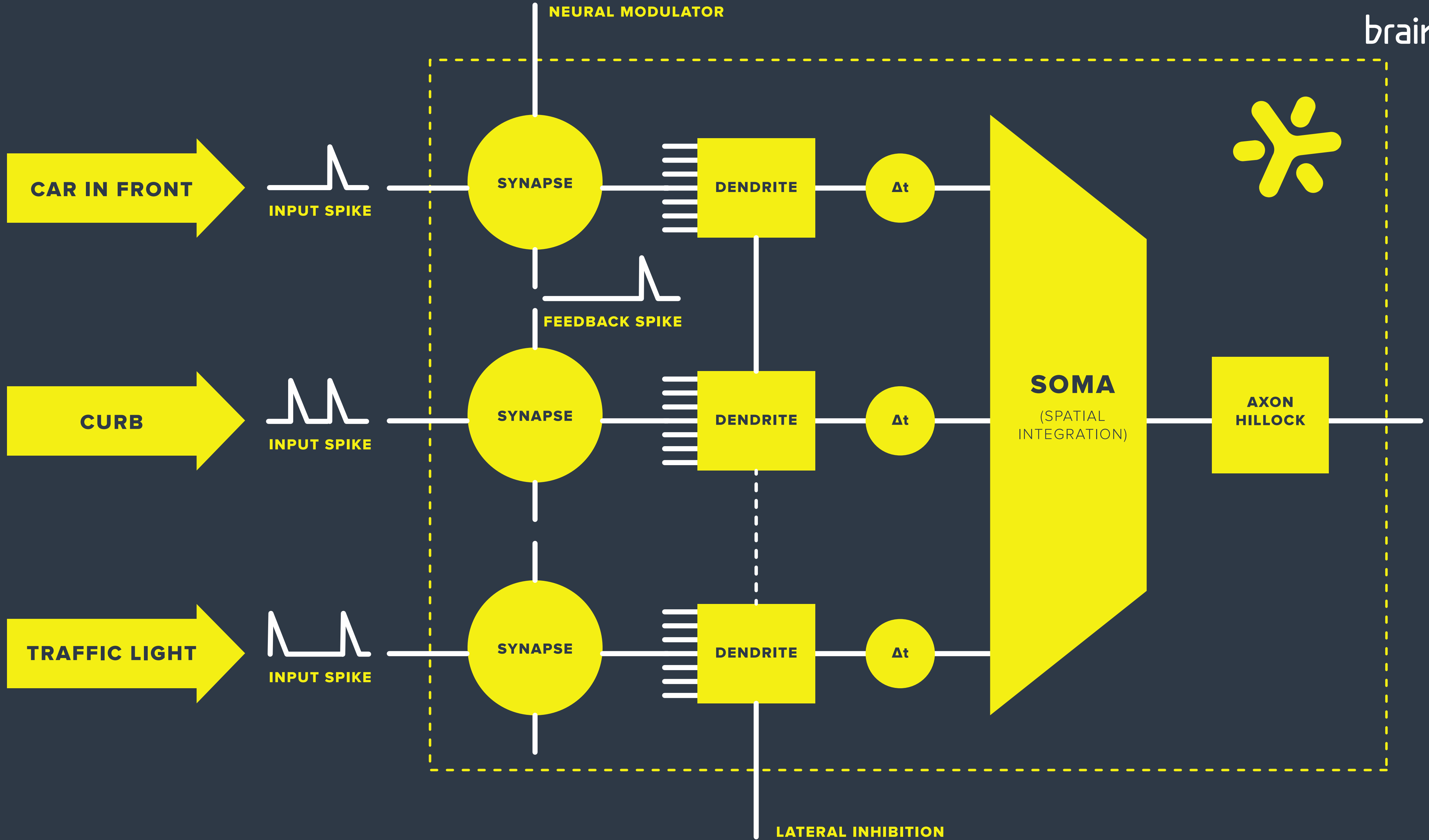


FOR NEUROMODULATOR 1

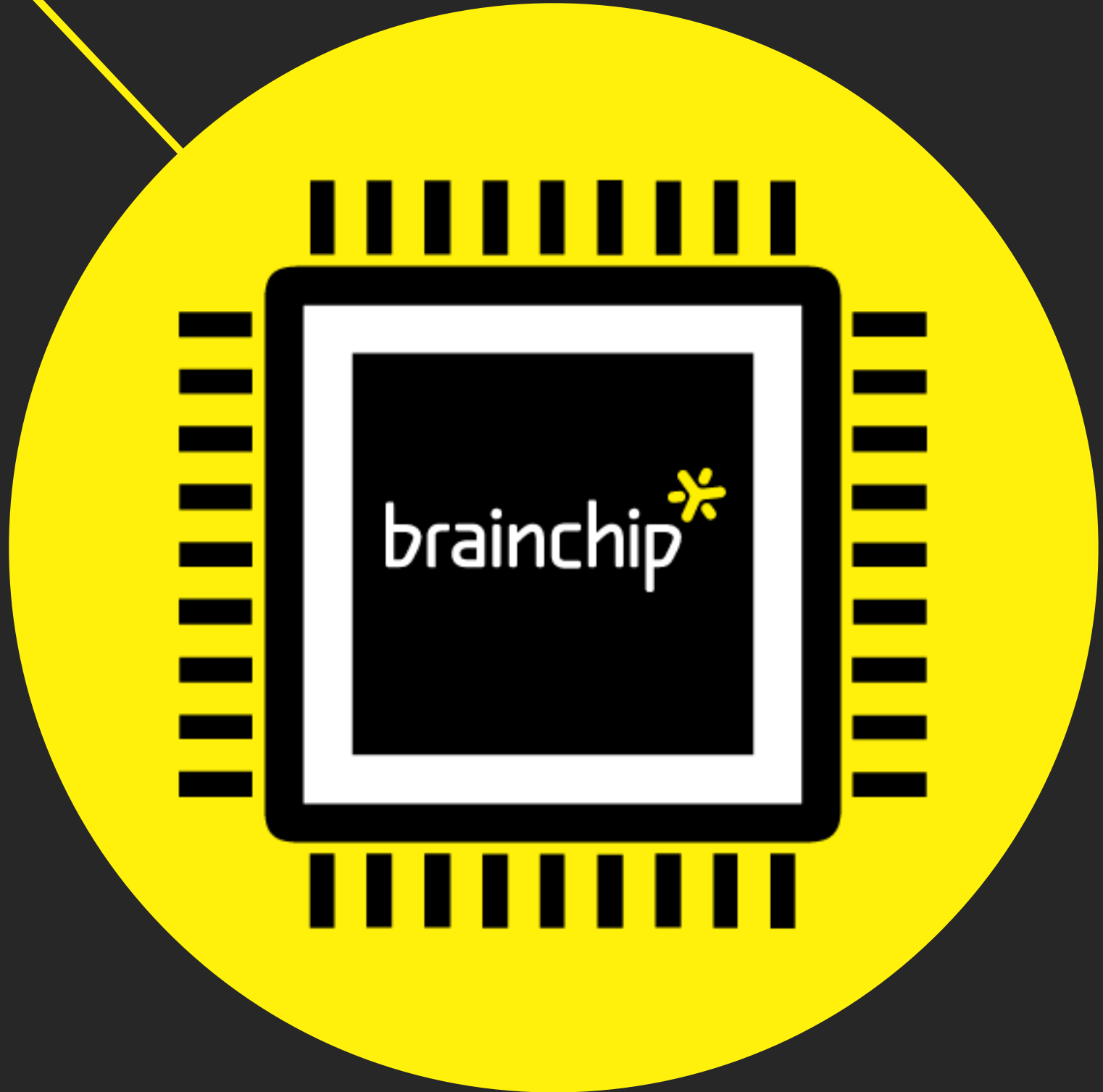
FOR NEUROMODULATOR 2

*THIS IS WHAT CHARACTERISES
THE PROCESS OF LEARNING:*

SPIKE TIMING DEPENDANT PLASTICITY (STDP)

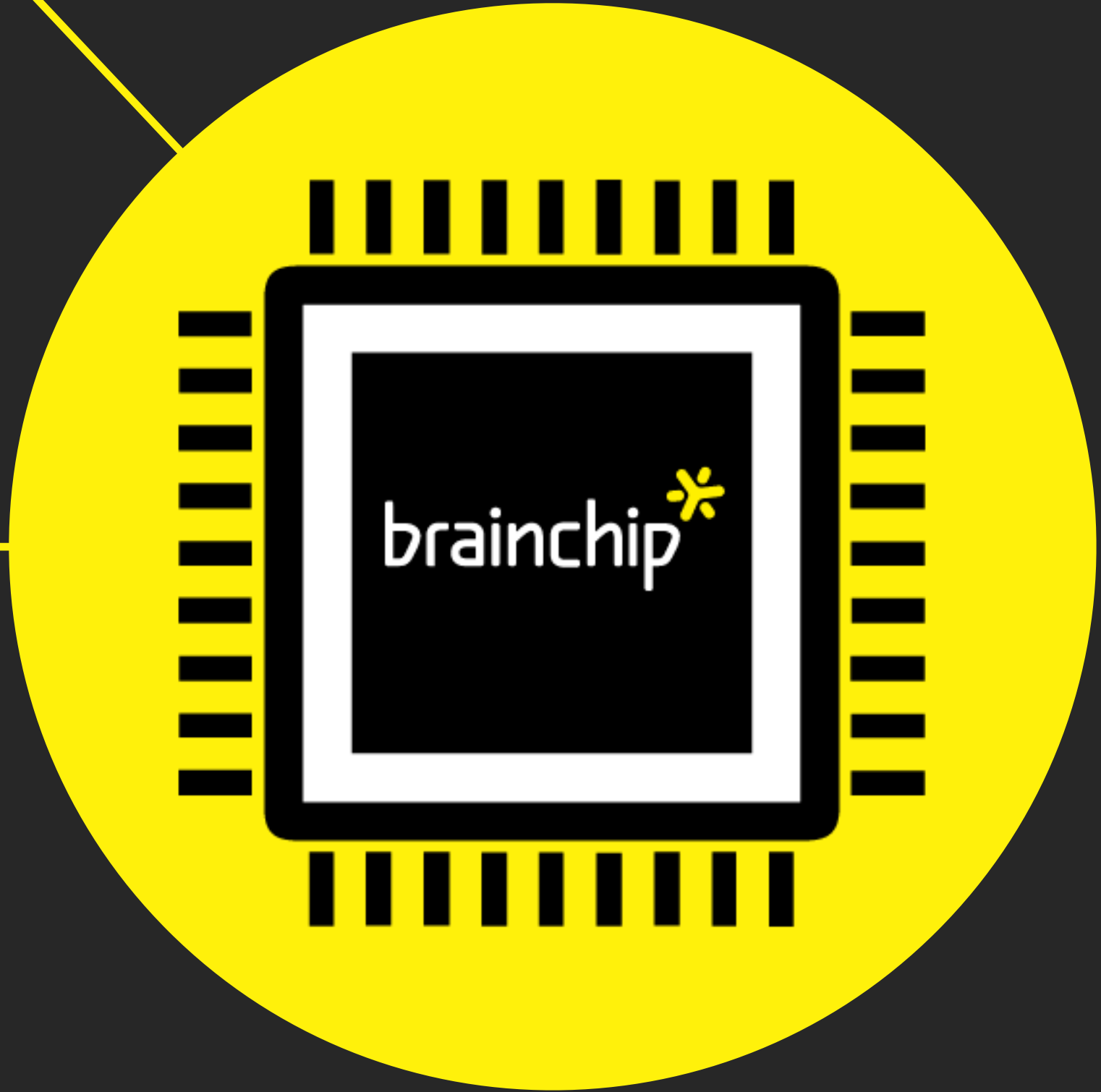


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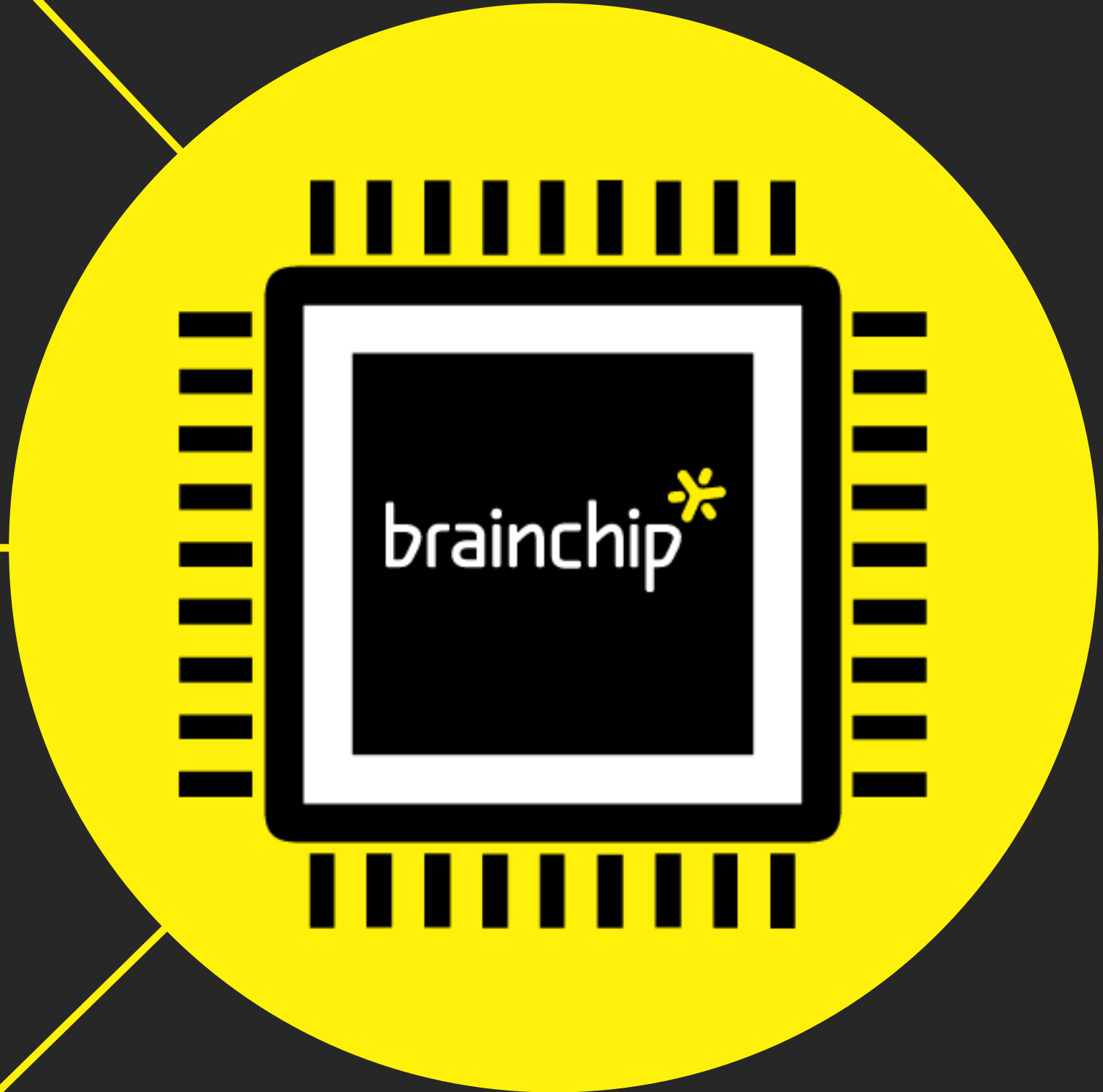
1 / 1000th power consumption

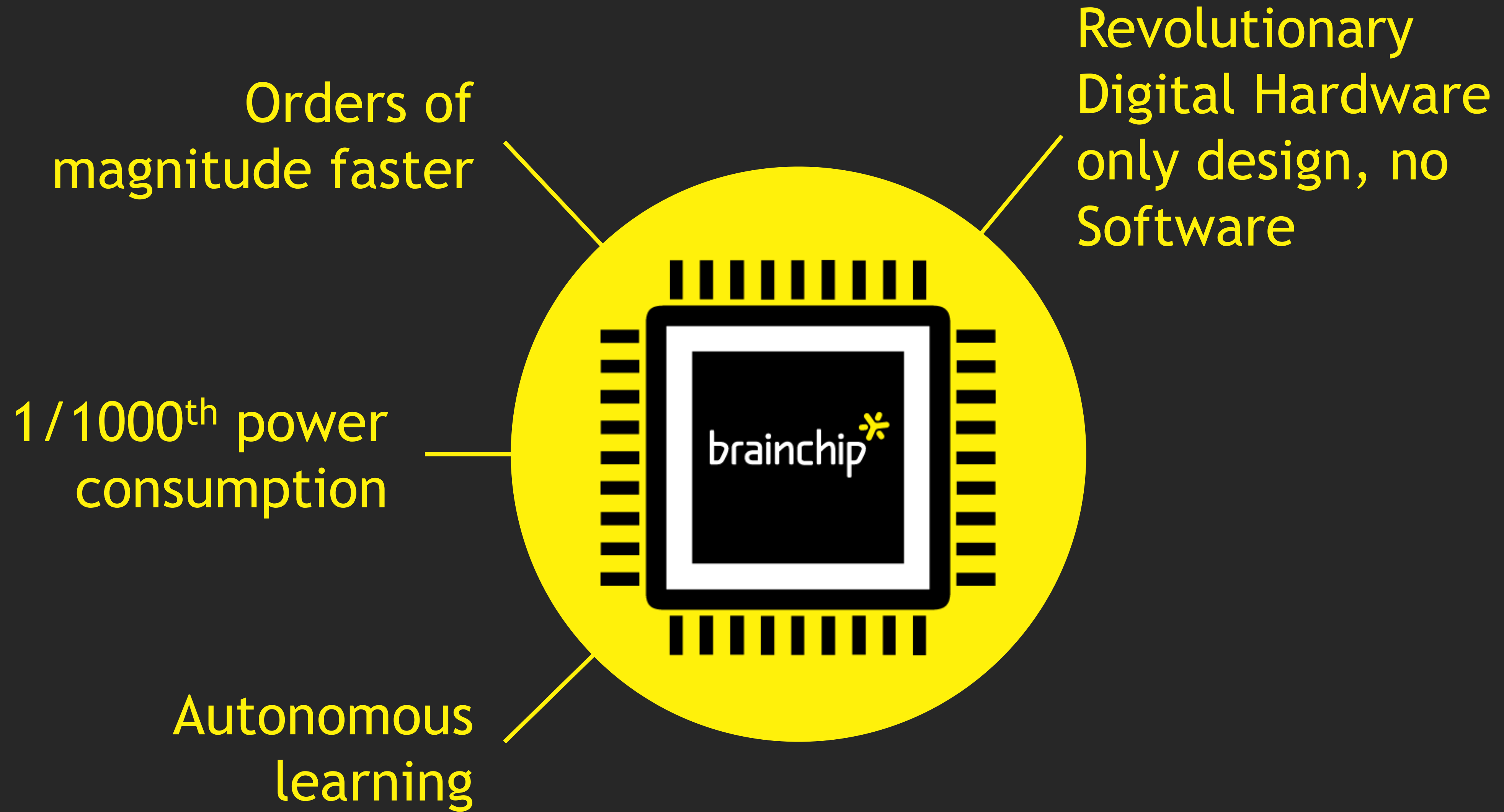


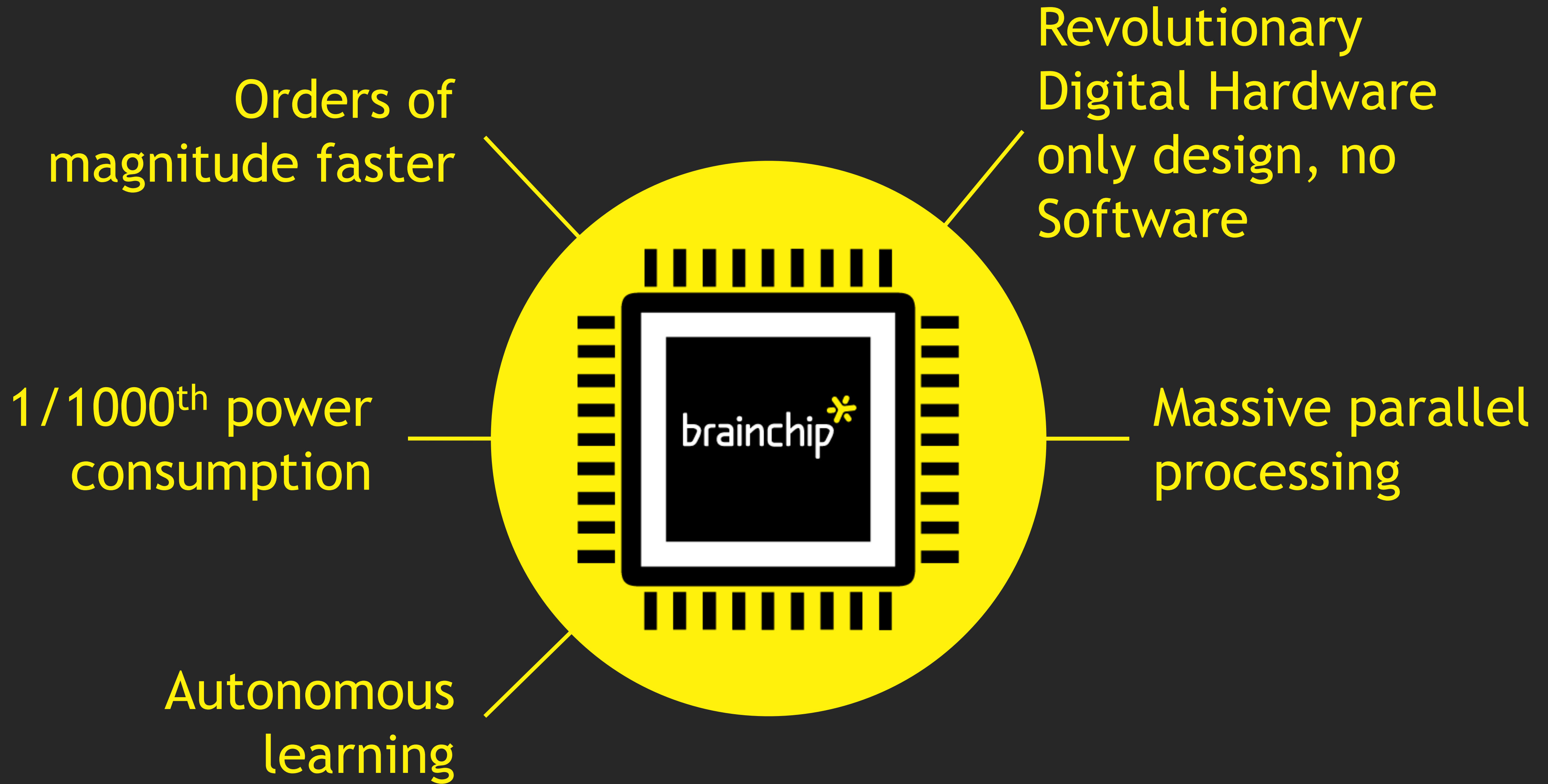
Orders of magnitude faster

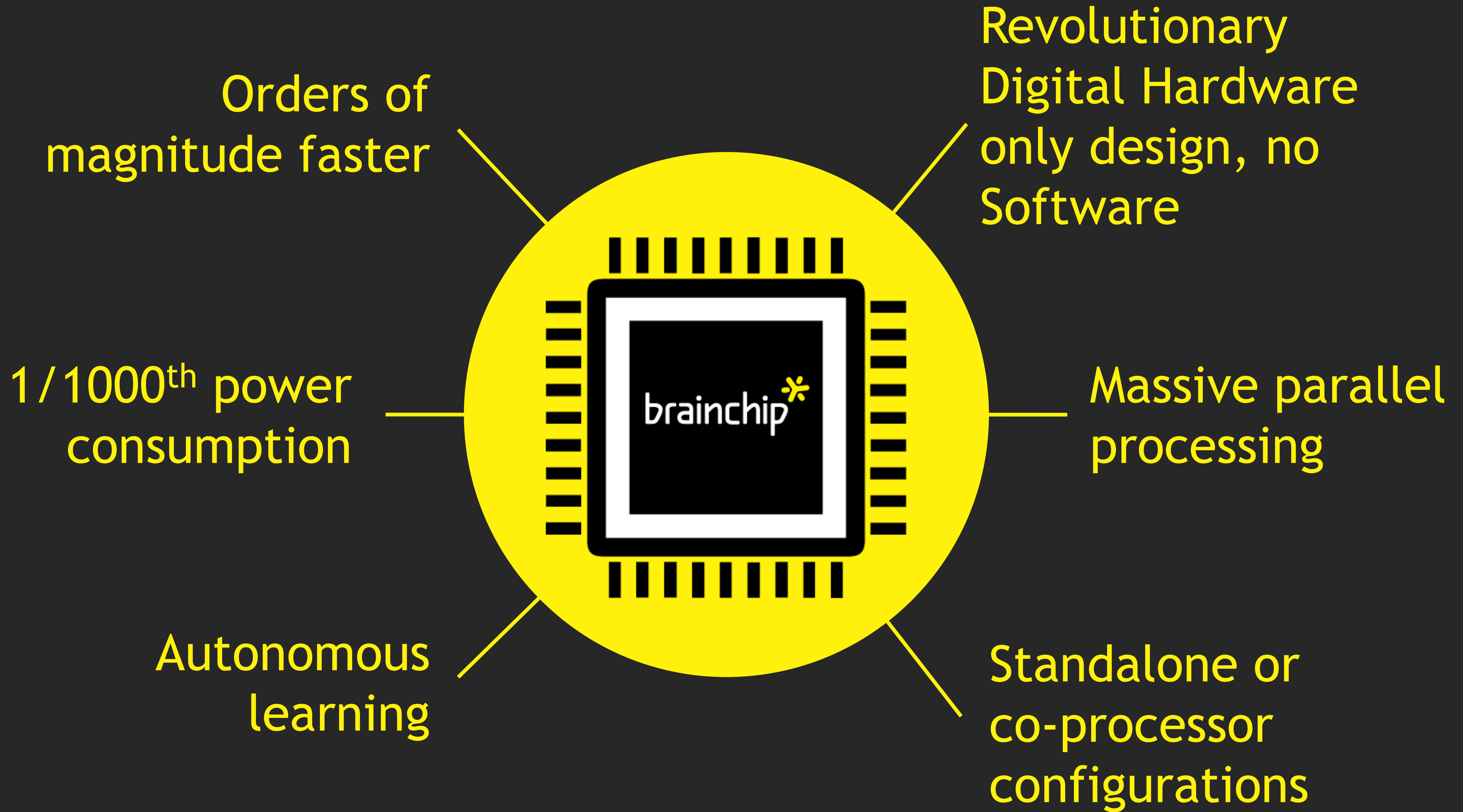
1/1000th power consumption

Autonomous learning









**SNAP is true Artificial
Intelligence that can learn
and operate at speeds
close to the human brain.**

How SNAP compares to current AI.

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Software Neural Networks

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- High latency with software overhang

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- Learns from a wide variety of inputs

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SNAP

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

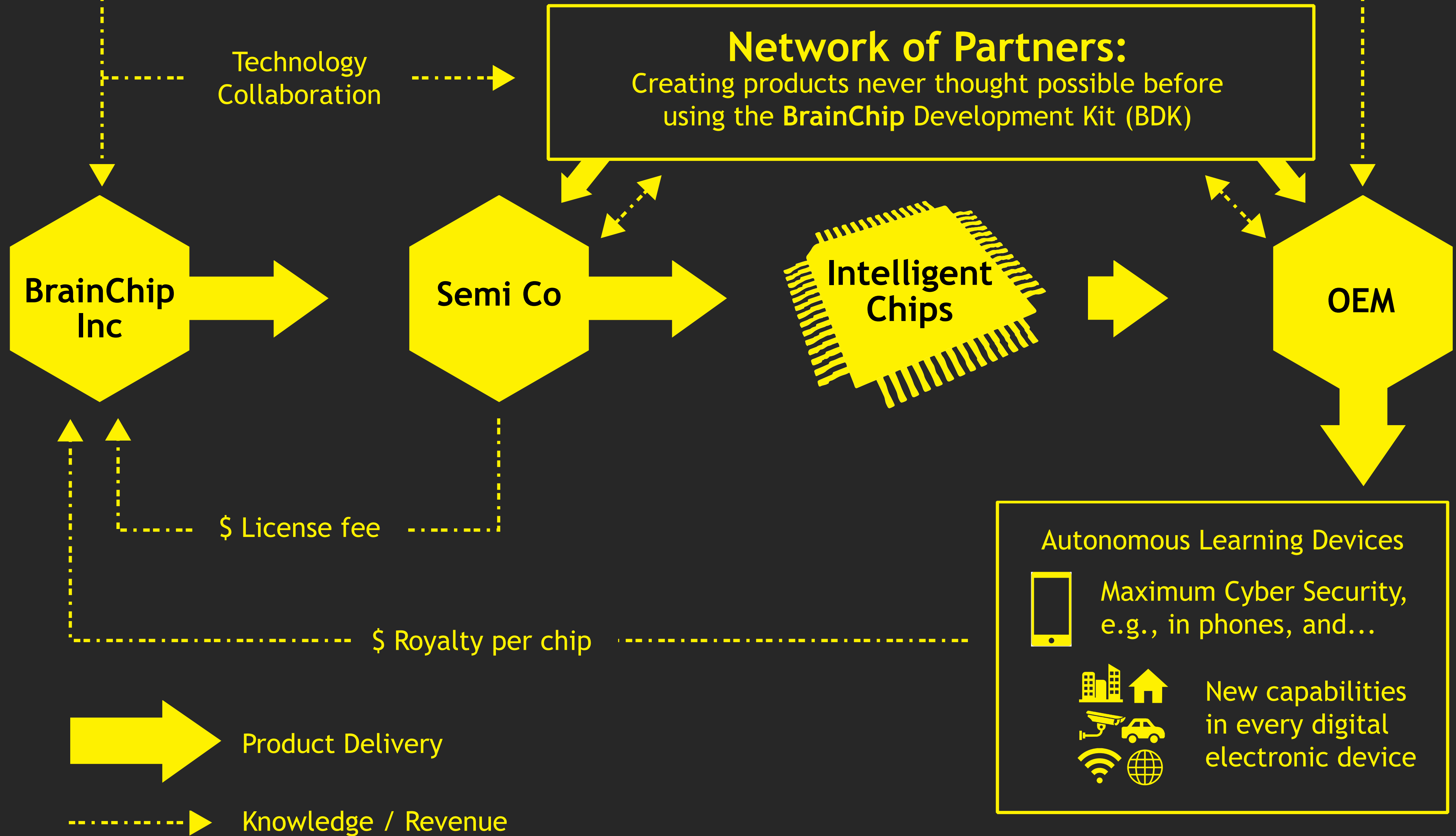
**One SNAP neuron is
the equivalent to
4997 Sigmoid
(Software) neurons.**

Wolfgang Maass, University of Graz.

**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.

Industry and Technology Insight



Our market opportunities.

As well as our current discussions with potential technology partners, and series of products in the pipeline, we have identified two key 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 Dave Evans (Cisco) 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.

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

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

SNAP's future milestones.

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Milestone 2

BrainChip Spiking Neural Network

SNAP implemented in Hardware

Demonstrates the advanced nature of the SNAP technology

Enables scalability

✓ Delivery achieved ahead of schedule

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SNAP Client / Server API

Allows for product deployment on server

Proves configurability

Proves scalability

Delivery: expected Q1 2016

Engineering work on track

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Beyond

BrainChip Development Kit (BDK)

BrainChip Experimenters Kit (BEK)

SNAP 64 Chip

SNN Accelerator System

A significant product pipeline to enable large scale deployment of SNAP

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.

Scientific Advisory Board

The team behind the team



Dr. Nicholas Spitzer
Neuroscientist

Professor at
University of
California San Diego

Ph.D Harvard
University



Dr. Jeffrey Krichmar
Cognitive Scientist

Professor at
University of
California Irvine

Ph.D George Mason
University



Dr. Gert Cauwenberghs
Scientist

Professor University of
California San Diego

Ph.D California Institute
of Technology, Pasadena

Capital Structure

Top twenty shareholders hold greater than 75.00%

54% of structure escrowed for between 1-2 years

Directors and management hold a significant stake.

Free float = 239,700,608

Security Type	Number of shares	Escrowed shares	Performance rights	Unlisted options
Unrestricted fully paid shares (free float)	239,700,608			
Restricted fully paid shares		431,174,644*		
Performance rights			120,000,000*	
Unlisted Options				6,250,000*

* Escrowed for between 12-24 months

Let's recap.

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

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This is a global opportunity, we have significant product development plans, and we'd love to have you on board.

Pick our brains.

Questions...

For further enquiries:

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