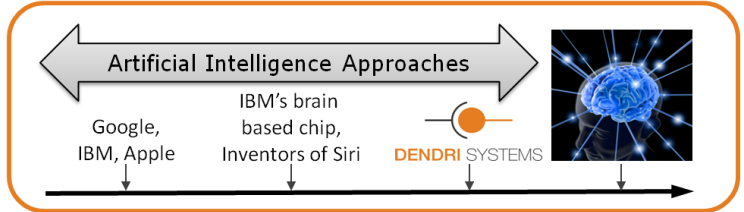


Intuitive Artificial Intelligence

Industry Situation

Artificial Intelligence (AI) is one of the fastest growing industries worldwide. Many companies promote their AI products by promising brain-like behavior. Indeed, we have seen impressive results. With their Watson computer, IBM is one of the leading contenders.



Yet, IBM has recognized the limitations of today's algorithm/mathematics-based approaches. They have [created a team of 100 people](#) to work from the one model closer to biological reality than anybody else: Jeff Hawkins' / Numenta's model. This is the model Dendri's innovation is based on.

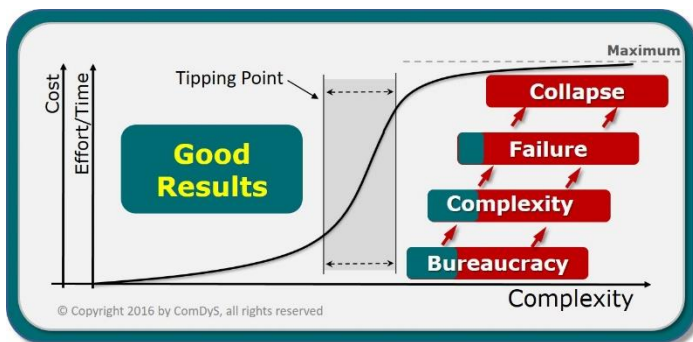
Dendri's Value Proposition

Providing an impact like the one iPhone provided to mobile phones; possible through:

- ✓ Filling the gap in Hawkins'/Numenta's model
- ✓ A single 'algorithm' for countless problems
- ✓ Seamless integration of various sensory input types
 - Solving [robots failing over 'simple' tasks](#) (DARPA 2015 challenge)
 - Autonomous driving: computer vision and scene judgement on next steps
- ✓ Patents granted
- ✓ Proof of principle

Positioned beyond the Tipping Point

Today's AI approaches work fine. That's up to a tipping point. Let's keep using them where they deliver great results. Beyond the tipping point, a different approach is needed. Dendri's innovation is designed for the space beyond the tipping point.



Needed: Human-Alike Learning, Pattern Creation and Action

Dendri's SMARTCORE™ application simulates the flow of neural impulses. While nobody knows how this works inside the brain, certain brain elements dictate this to happen within a very narrow boundary. SMARTCORE operates within this boundary.

Confirmation of being ahead

- ✓ IBM having a team of 100 people working from the same model
- ✓ "The model is painfully true": Prof. Manuel Casanova, brain pathology/mini-columns and Autism
- ✓ Explaining how mental matters such as ADHD, Dyslexia and Autism develop and explaining working mechanisms of successful treatments.
- ✓ An independent architect confirming that Dendri's innovation can be programmed.
- ✓ Within the final six of KPN's 'get-in-the-ring' challenge: 73 worldwide contenders. KPN: #772 in Forbes' Global 2000 list of biggest companies.

Partners/Client

- ✓ Catena Investments: want the Human Factor added to their risk management tool for loans

Clients not Wanting to Miss the Competitive Advantage

- ✓ Five banks in The Netherlands, including the big four
- ✓ KPN
- ✓ Various Big Data/Analytics companies

They asked us to come back as soon as the first prototype can be shown. That's for paid development contracts.

Initial Focus

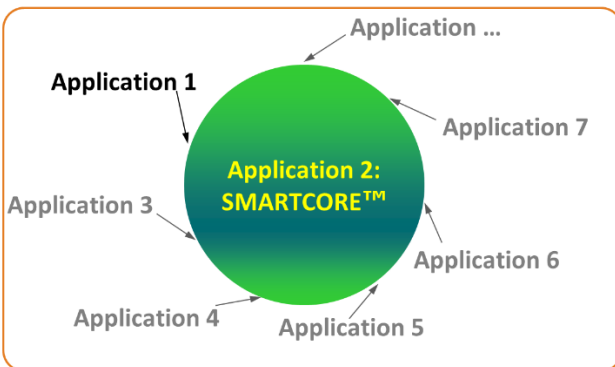
We will develop SMARTCORE and one application. To create a more solid version 1, to reduce risks and as this requires only a minor additional effort, we may choose to create one other application.

Further Application Opportunities

Although we had an extend list of possible applications, it were partners and clients who added additional application possibilities.

After the first applications are available, we have various options:

1. Developing further applications
2. Making SMARTCORE available for the development of other applications (license fee applies)
3. Using services such as IBM's or Amazon's cloud services to quickly gain global market share.



Founding Partners/Management Team



Herman Bloemink

Managing partner -
Idea2Cash realization

Innovation, software
development and
international experiences



Eugen Oetringer

Inventor - Technical
realization

Extensive innovation and
international experiences



Marcel Klaus

Commercial and marketing
partner

Extensive international network
in FinTech and IT, and
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