

Business models of the owners of AI core patents

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Artificial intelligence and the next generation of competences :
How Digital – and Artificial Intelligence will impact jobs and competences profiles?

The World Conference on Intellectual Capital for Communities

UNESCO, July 11&12 2019

AI CORE Patents ?

- Plenty of AI definitions...
- 630 000 papers about AI
- 18 000 AI patents filed in 2015 OECD
- Most from Asia

Applications

Core ?



AI CORE Patents ?



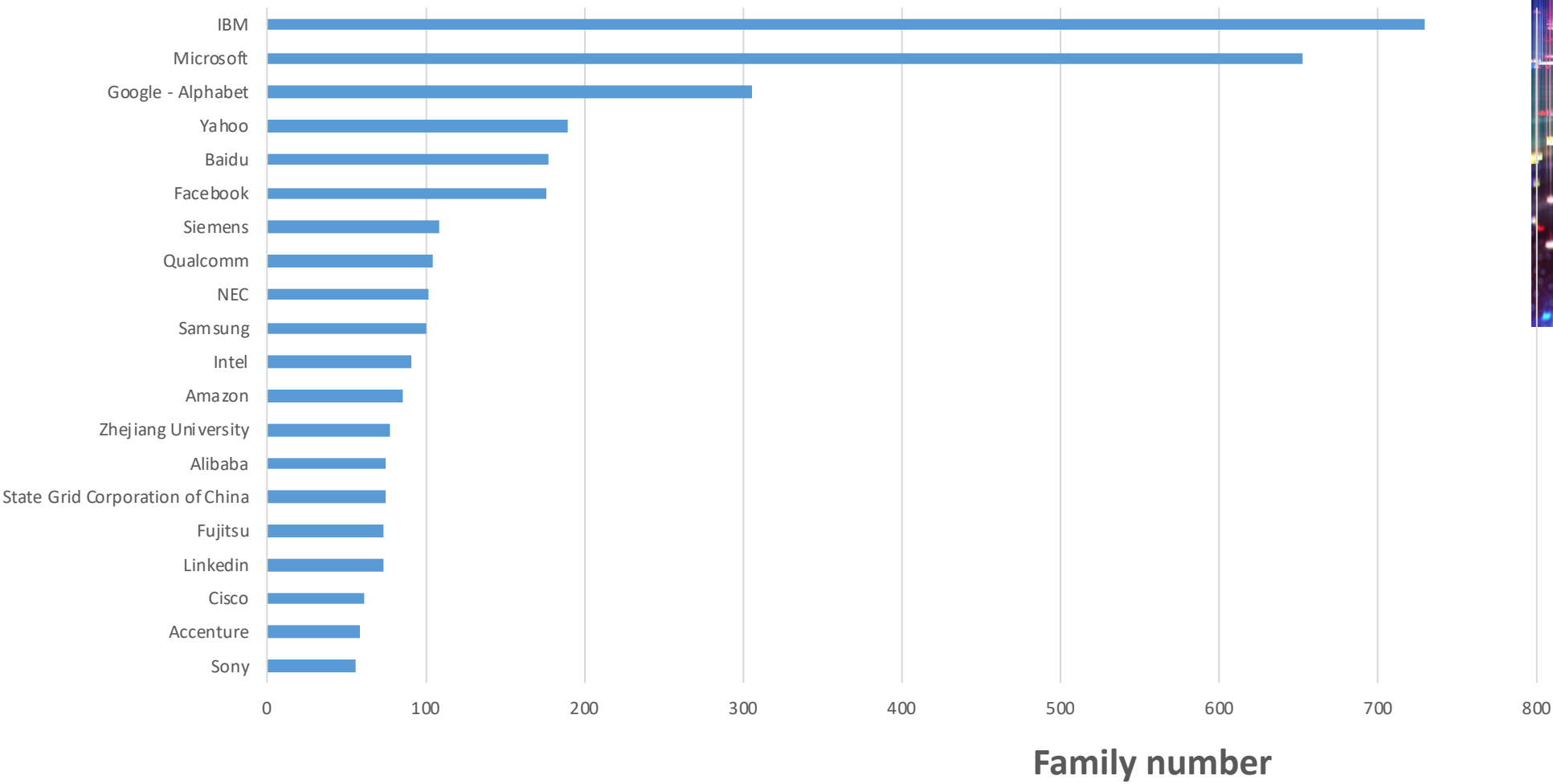
G06N, G06F 17/00 et 17/30 + Key words

12 208 families of patents



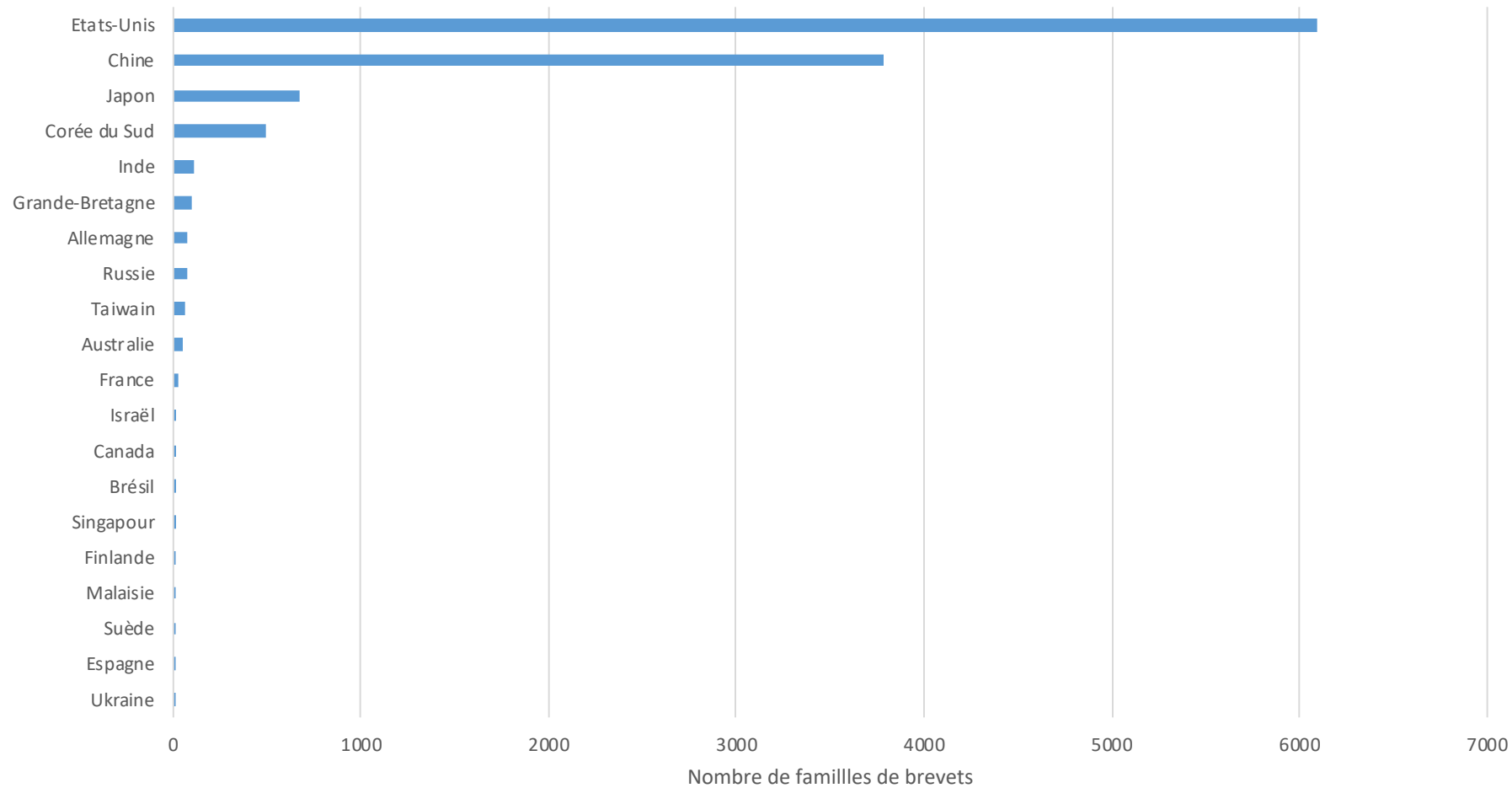
AI CORE Patents

Top 20 Companies



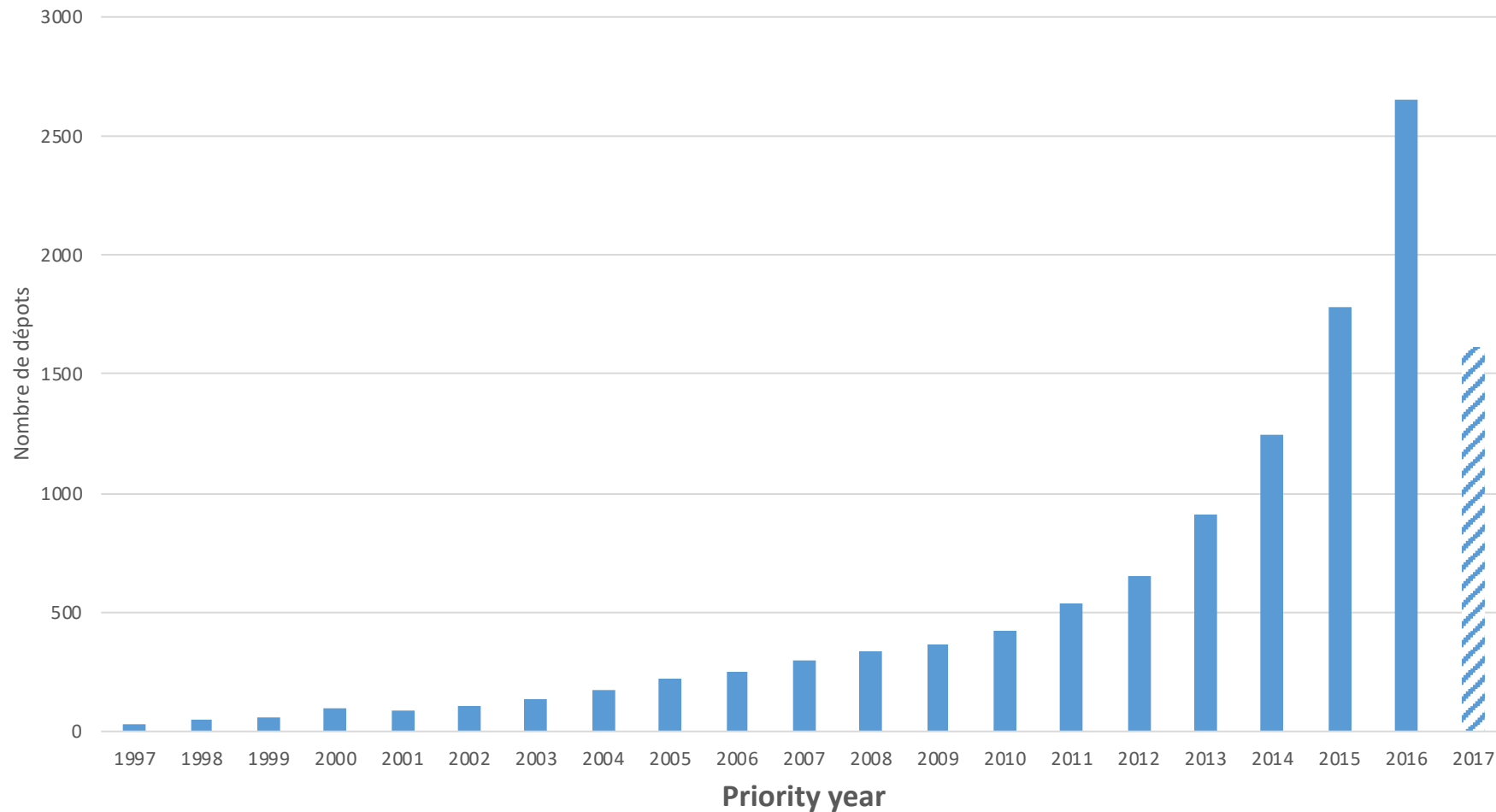
AI CORE Patents

Top 20 Country

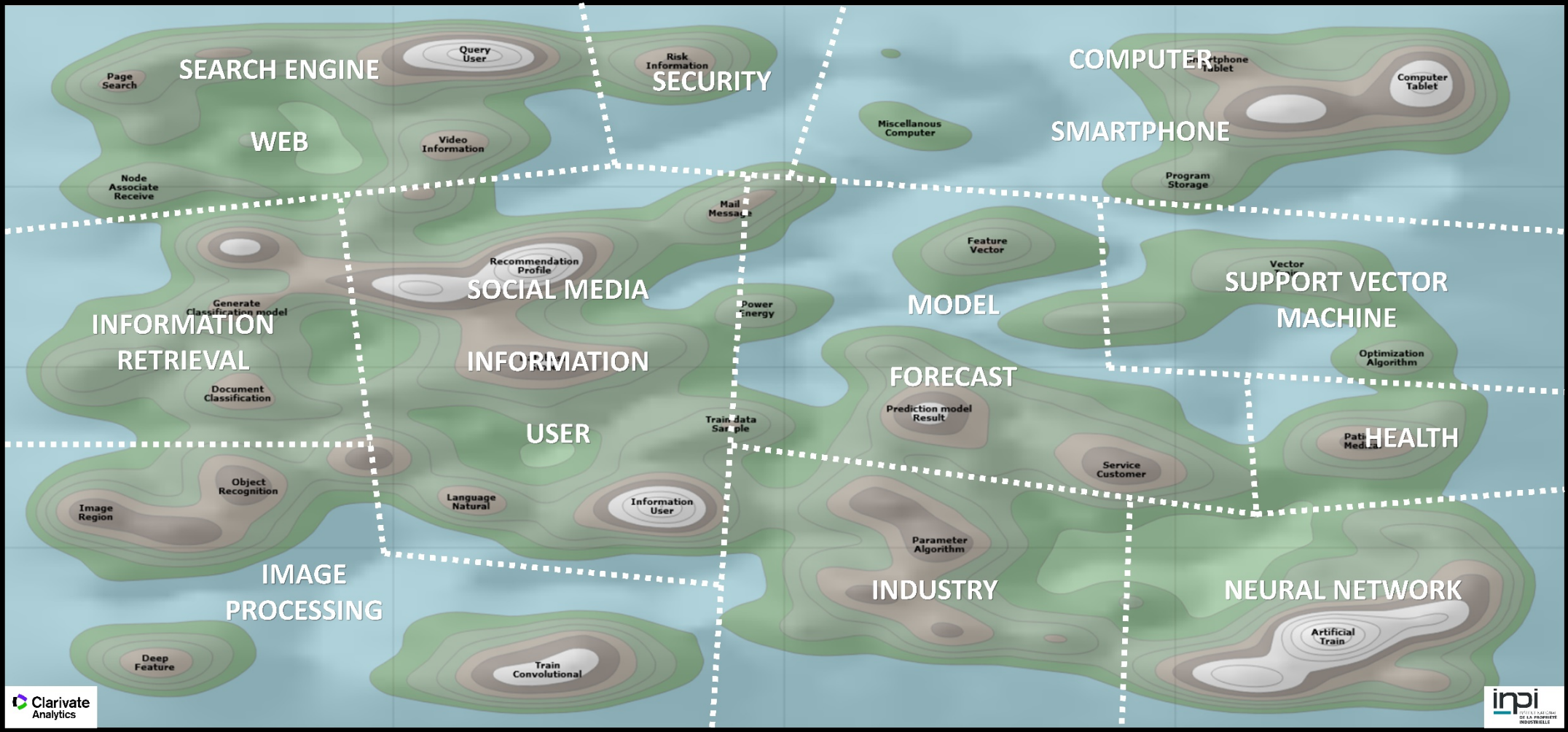


AI CORE Patents

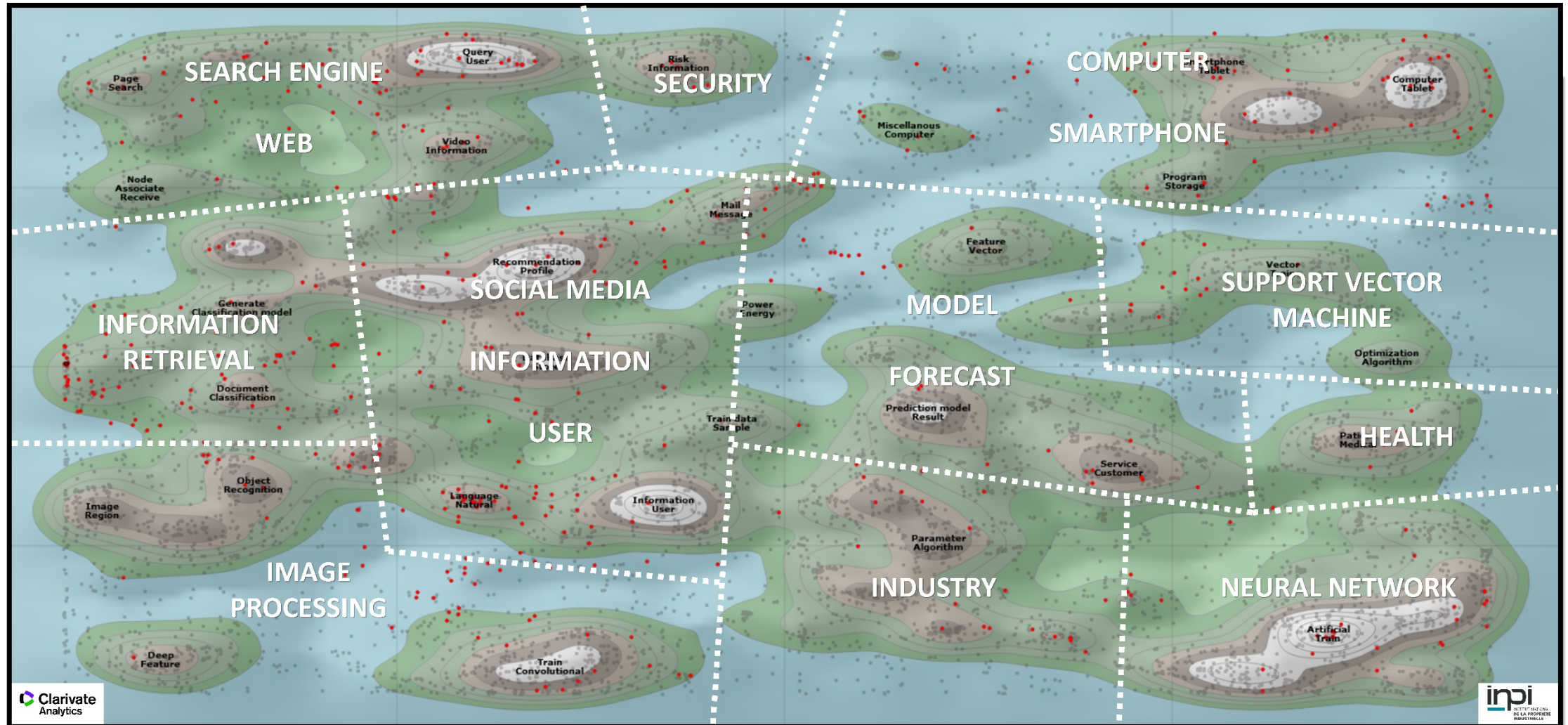
Patent filing/priority date



AI CORE Patents mapping

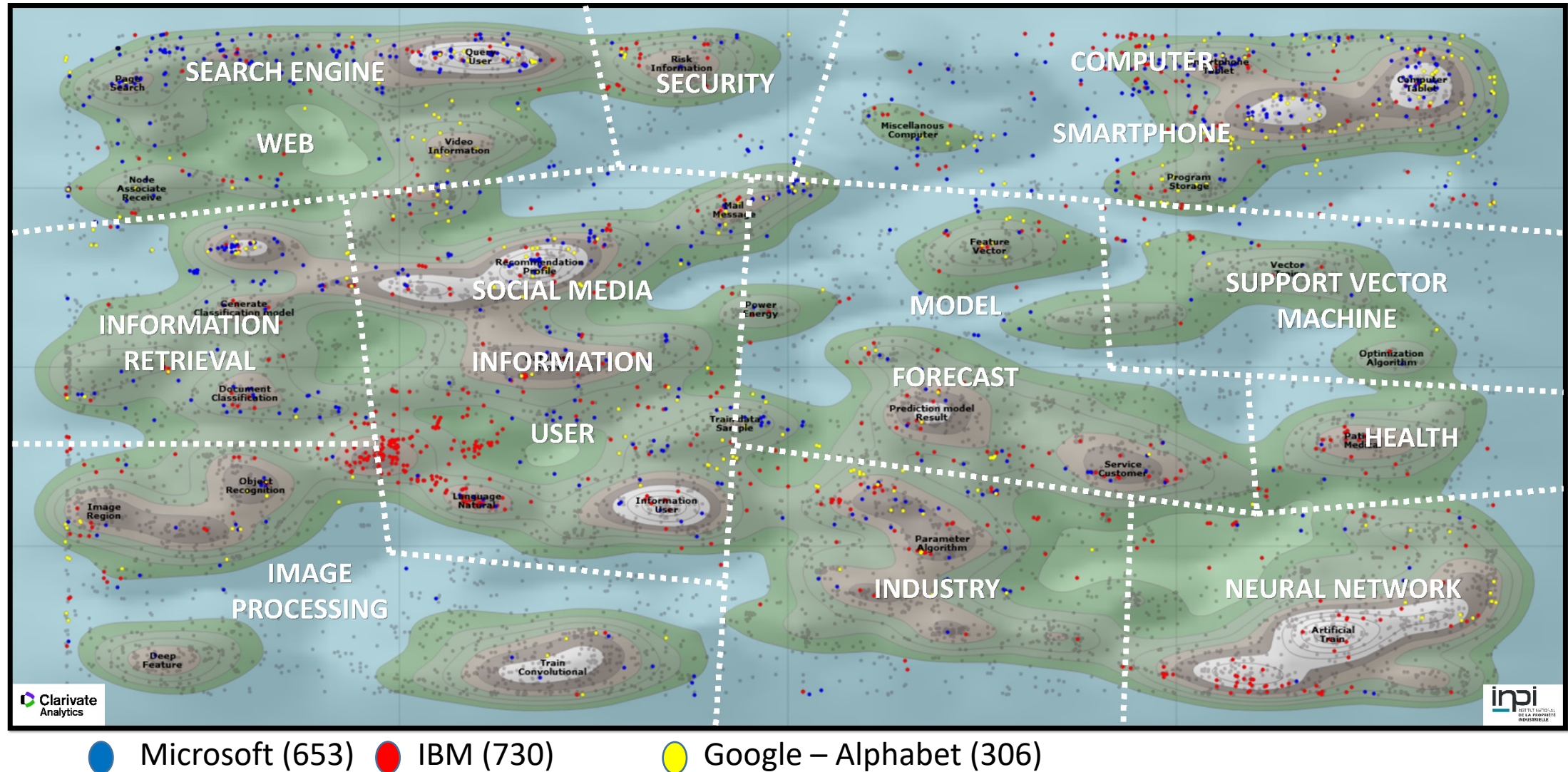


AI CORE Patents

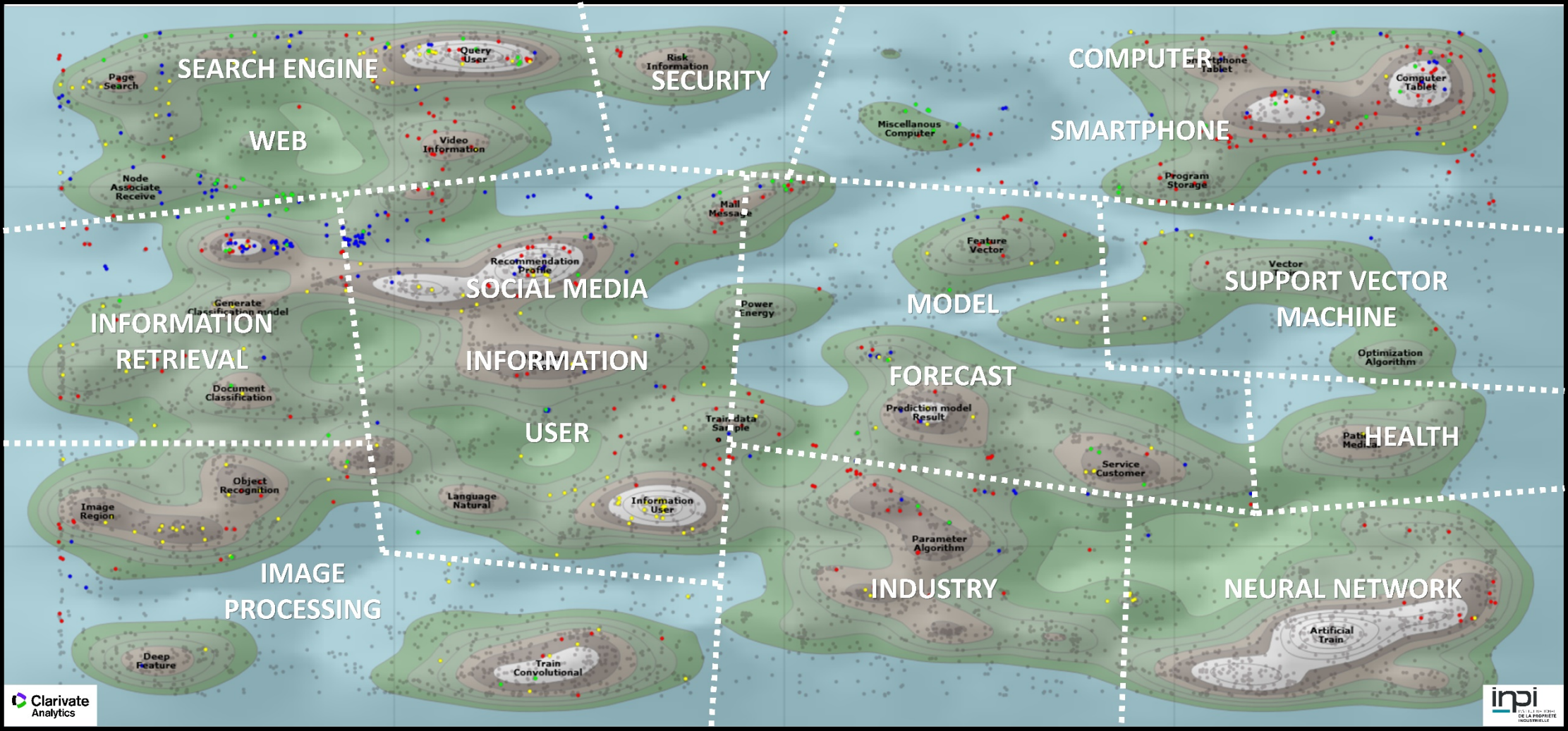


Voice recognition (476)

AI CORE Patents : Top3 and Business model

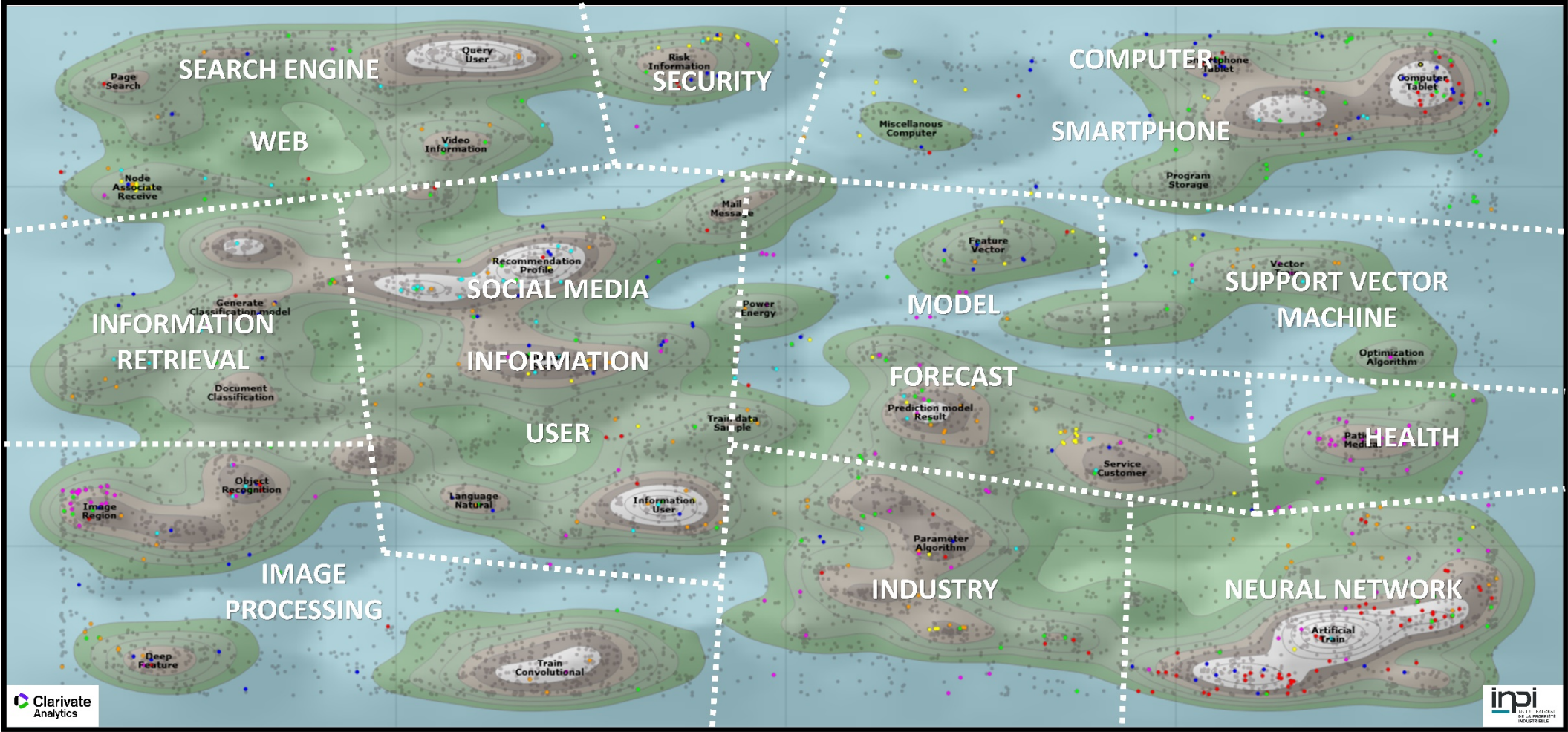


AI CORE Patents



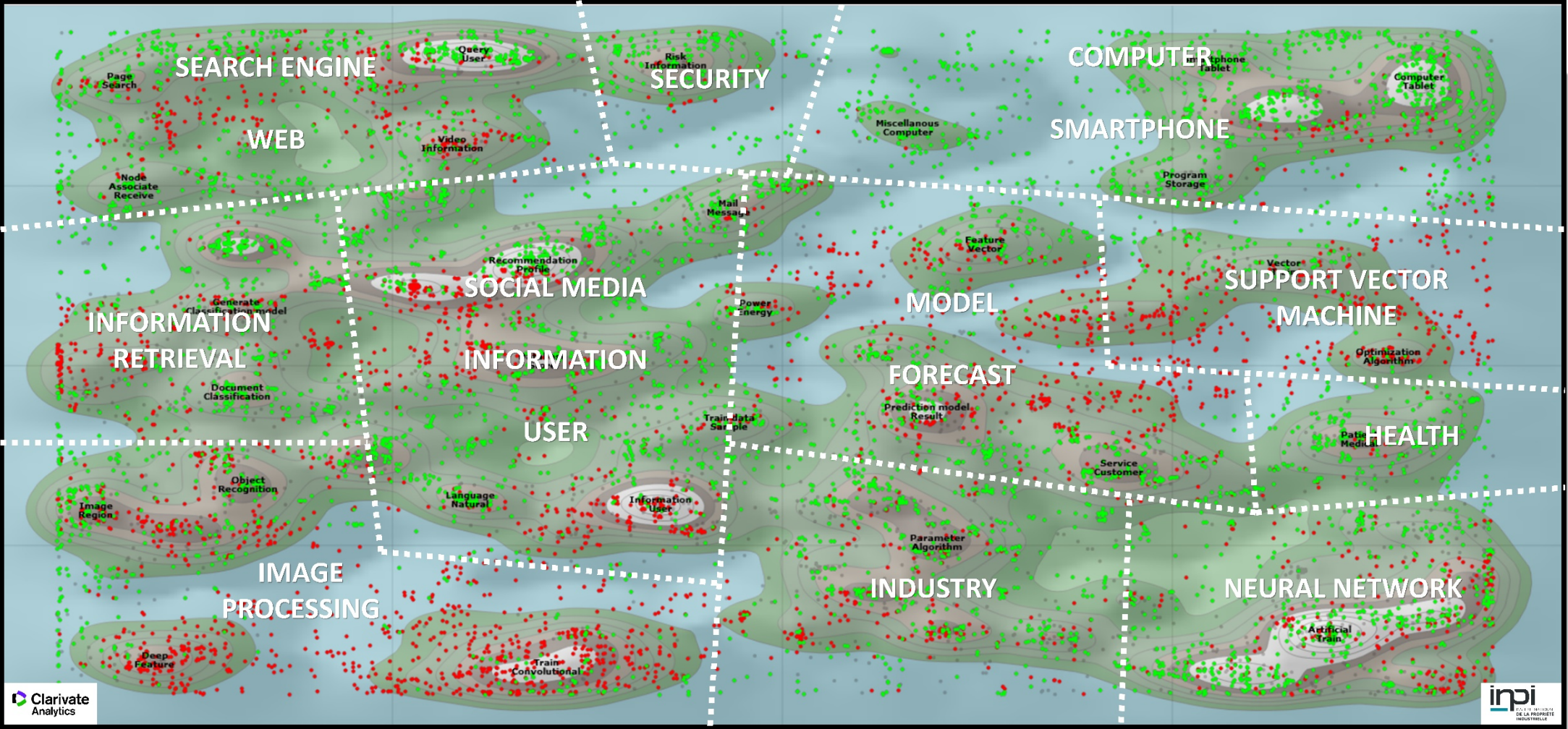
● Facebook (176) ● Baidu (177) ● LinkedIn (74) ● Google (306)

AI CORE Patents



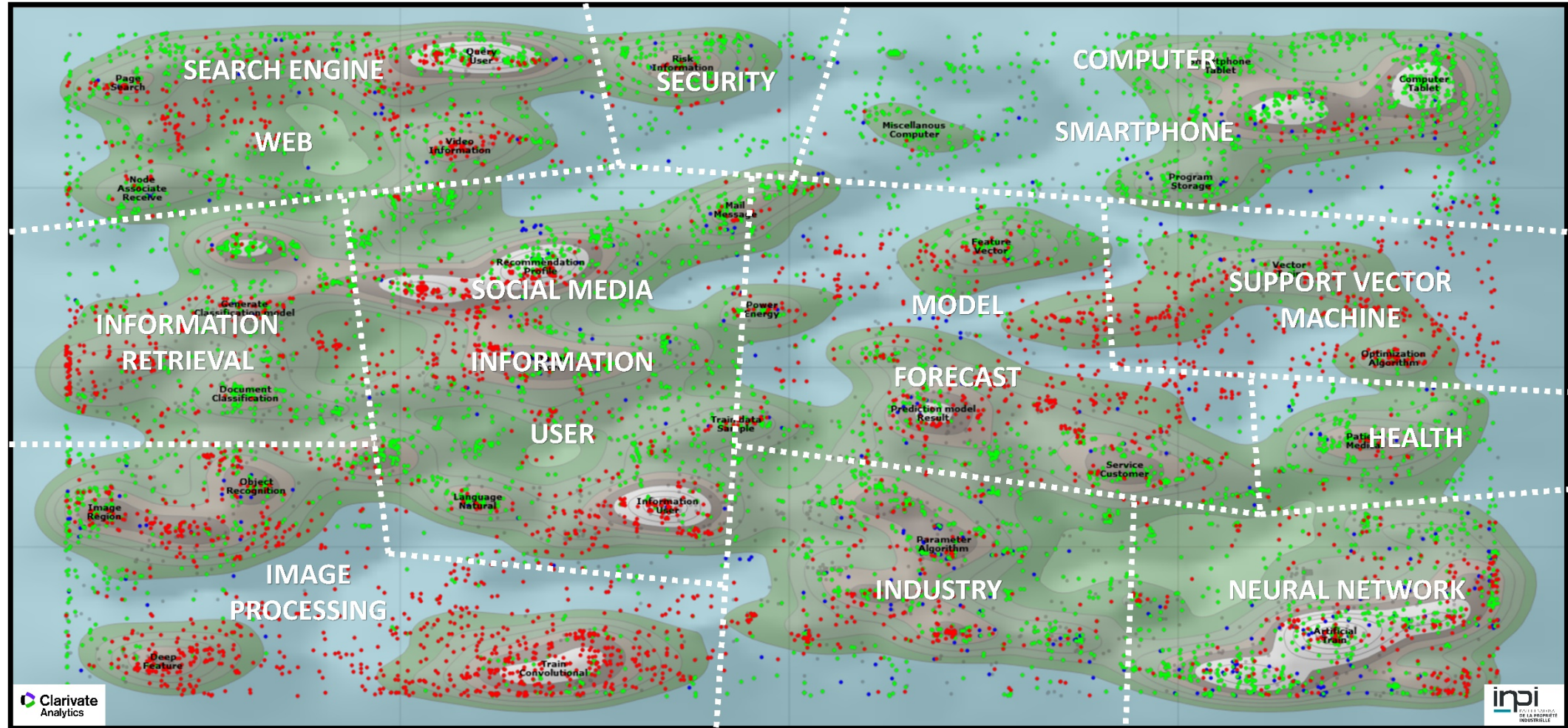
● Intel (91) ● Samsung (101) ● Siemens (108) ● Nec (102) ● Qualcomm (105) ● Cisco (61)

AI CORE Patents : USA vs China



● USA (6088) ● China (3784)

AI CORE Patents



- Etats-Unis (6088)
- Chine (3784)
- Europe (UE et Russie) (445)

AI CORE Patents



Thank you



Azzopardi Matthieu
Delporte Céline
Tourne Stéphanie

