



LEXISTEMS.

Data by Meaning

Corporate Presentation - 2019



LEXISTEMS = LEXIcal sySTEMS

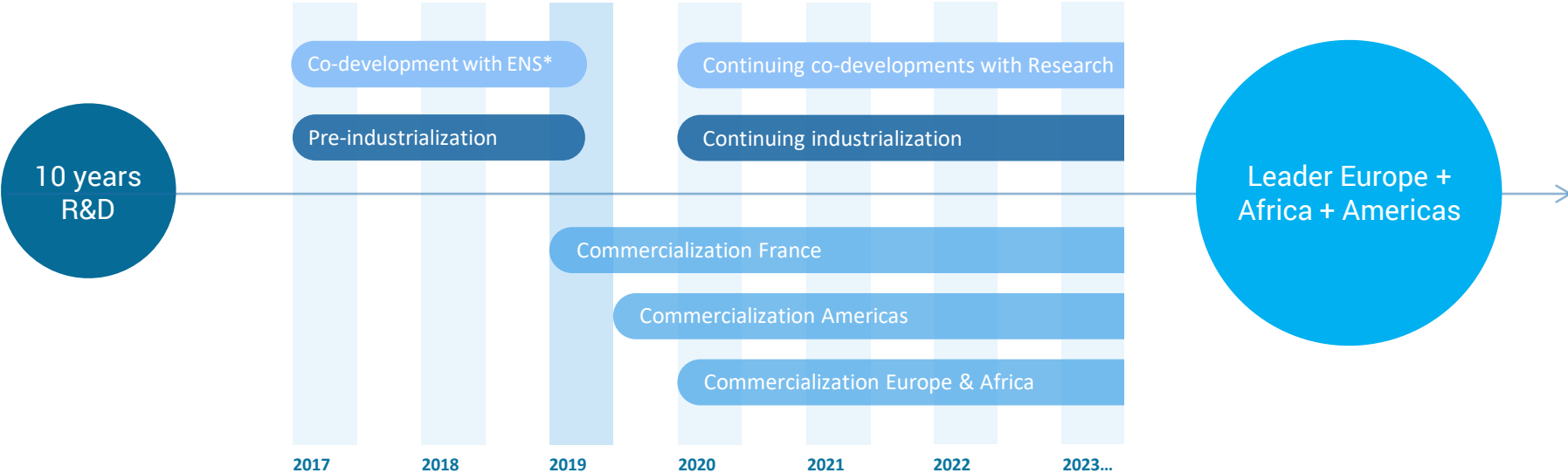
To develop state-of-the-art **technologies** and deliver best-in-class **solutions** to:

- Search, Connect, Analyze data
- Pilot systems

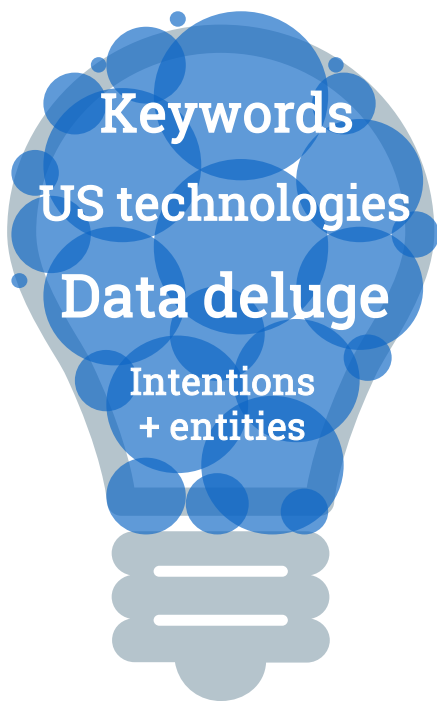
by **MEANING** (*vs* keywords).

To help organizations turn data into value and build systems that really understand users.

LEXITEMS - a worldwide leader in meaning-based data solutions.



* ENS (Ecole Normale Supérieure): French fundamental research University specializing in AI and HPC.



Data grows exponentially and systems become increasingly complex.

Organizations want control and ROI. Users want ease of use.

But...

Keywords: not scalable to real-life human expression(s)

- Dependence on spelling; no synonyms; monolingual
- No complex, conceptual or fuzzy queries
- No / limited context = no intuition. No intelligence = no understanding.

Private US technologies: unapplicable + data privacy concerns

- Keywords-based and non/partially applicable to private data
- Data abuse everywhere; US data jurisdiction.

Data deluge: 80% of "Dark Data"

- Drowned / unknown / inaccessible data = no value
- No connection / correlation / insights = no added value.

Intentions + entities: one shot, unscalable efforts

- Use case specific + hard-coding required
- Not reusable = uncertain profitability and ROI.



With LEXISTEMS' **MEANING**-based solutions,
systems understand users,
data become accessible, operational and monetizable – like never before.

Meaning: scalable to real-life human expression(s)

- Spelling independent; semantic and multilingual (questions and answers)
- Answers complex, conceptual or fuzzy queries
- Full context = intuition. Intelligence = understanding.

Commercial technology: adaptable + data secure

- Fully adaptable to any business use case and data
- Compliant with GDPR and future data regulations; EU data jurisdiction.

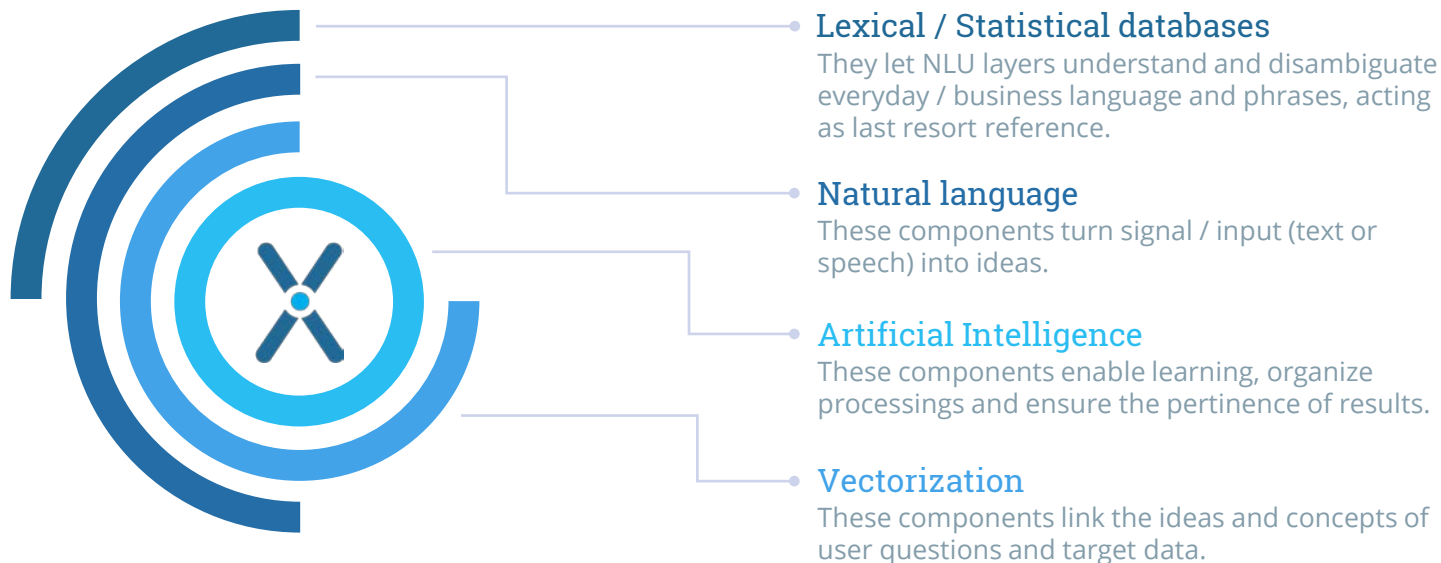
Data deluge: enlightened data

- Accessible / understandable / discoverable data = value ++
- Data connection / correlation / insights = added value ++.

Generic + business knowledge: reusable scalable projects

- Use case independent and no hard-coding required; fully scalable
- Total reusability; measurable ROI.

Four state-of-the-art pillars that combine into use case-driven pipelines

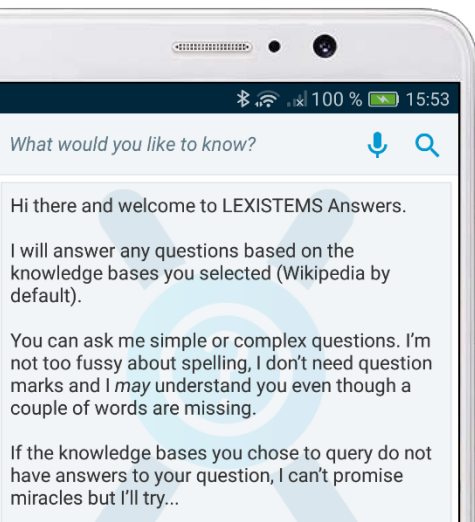


Best-in-class

Our solutions are based on a mix of technologies (AI + multilingual NLP + Data Science + Security) that we maintain at state-of-the-art level. They're designed to fit easily into any software stack or hardware device.

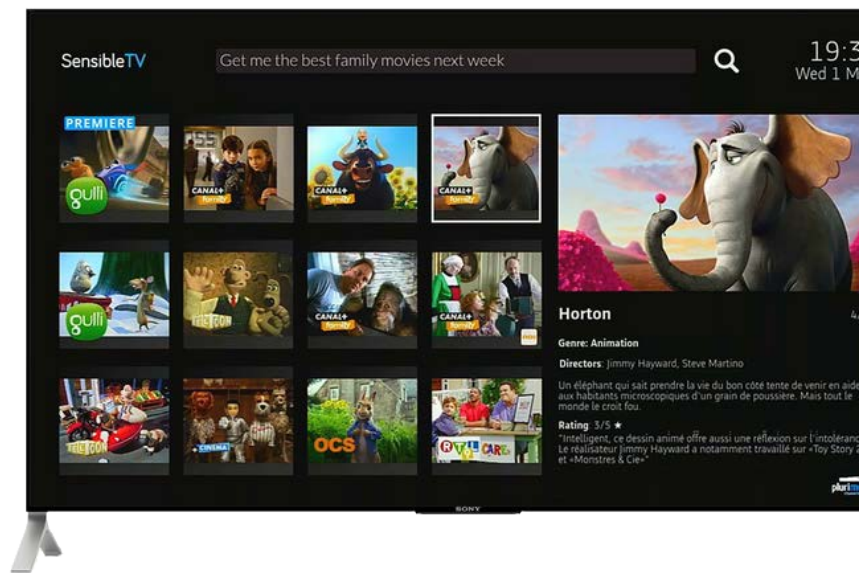
Entry barriers

LEXISTEMS solutions come from 10 years of R&D in AI and multilingual computer linguistics. This technological lead – **unique and commercially available today** – is a strong barrier to entry for any potential competitor.



Concrete results

Our demos and POCs are created from **customer data**. They demonstrate – within minutes - our technological advance compared to existing solutions. Whatever the customer's business, LEXISTEMS' solutions are set up in production in a **matter of days**.



Intellectual property

- 100% owned technologies and brands
- 100% registered source code
- Pending patents at USPTO
- 14 internationally registered trademarks.

1 set of core meaning-based technologies – 2 initial use case-oriented products

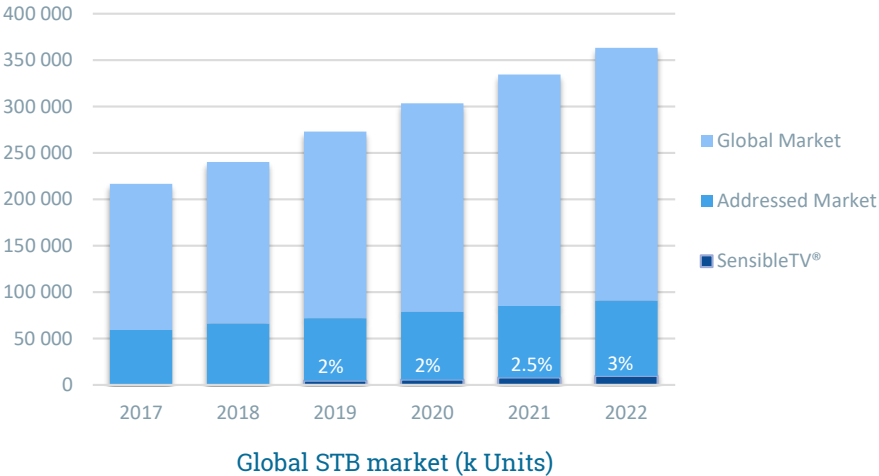


SensibleTV®

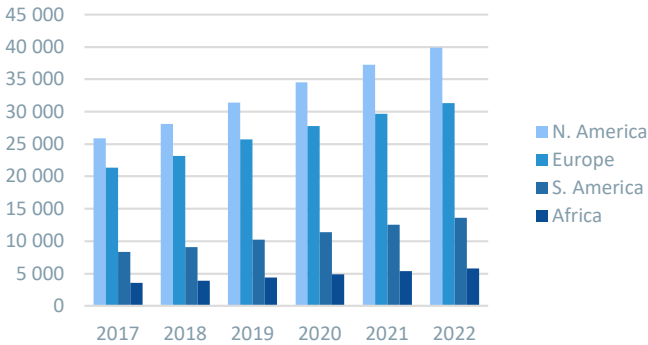


SensibleData®

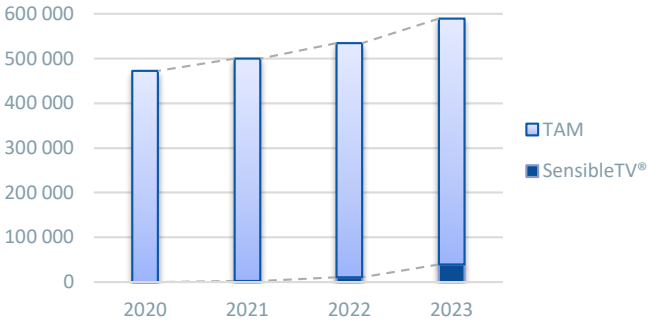
Solution	TV + VOD vocal interaction / AI-based recommendations	Meaning-based data search, connection & analysis
Customers	Content & services providers M&E devices OEMs	Organizations with data
Regions	Europe / Africa / Americas	Europe / Africa / Americas
Business Model	Royalties	Subscriptions



Source : QYR Electronics Research Center – Apr. 2018
Global HD SET-TOP BOX (STB) Market Research Report 2018.

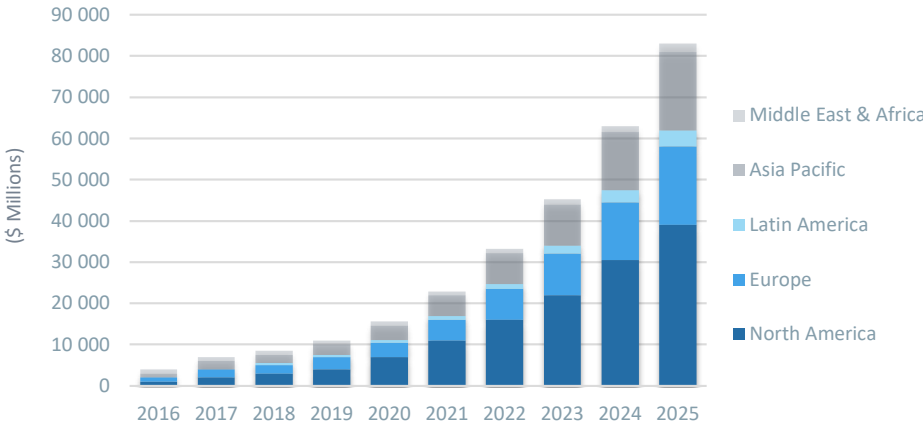


Addressed STB market (k Units – production)



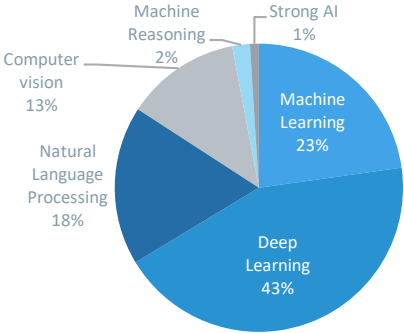
Addressed STB market (k Units – installed base)



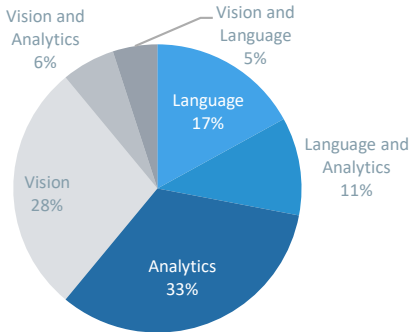


Editors of enterprise AI solutions, Revenue by Region, 2016-2025

Sources :
Tractica – Q1 2018 – Artificial Intelligence for Enterprise
Tractica – Q4 2017 – Artificial Intelligence market forecasts
Tractica – Q4 2017 – AI: 10 trends to watch in 2017 and Beyond.



AI Revenue by Technology: 2025



AI Cumulative Revenue by Share of Meta-Categorization, World Markets: 2016-2025

The best possible team with all ages, profiles and experiences...



Marie GRANIER
MBA. Math Engineer
Co-founder & CEO



Frédéric MILLIOT
PhD. MA.
Co-founder & CTO



Thomas TANON
ENS Postgraduate
VP Research



Eddy CARON
PhD. Mcf.
Scientific Advisor



SagemcomEnedis
L'ELECTRICITE EN RESEAU

Institutional and business partners



Technological partners

bpi francePays de la Loire
bpi france

Finance partners

bpi france
USA

Export partners



European Commission – Seal of Excellence,
Horizon 2020 Programme for Research & Innovation, 2019.

ENEDIS – Startup of the year (Technician 3.0 category)
and President Award, 2018.

Femmes de L'Economie (French Western Region) –
Silver prize, Startups category, 2017.

Bpifrance – Laureate, National Innovation Contest 2017.

Crédit Agricole (CAAM) – Grand Prize, Initiative Contest, 2017.

Caisse d'Epargne (BPL) – Laureate, Innovation Contest, 2017.

LEXISTEMS.

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