MINISTÈRE DE L'ÉCONOMIE, DES FINANCES ET DE LA SOUVERAINETÉ INDUSTRIELLE ET NUMÉRIQUE
*Liberté Égalité Fraternité*

MINISTÈRE DE L'ENSEIGNEMENT SUPÉRIEUR ET DE LA RECHERCHE
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FILIÈRE INFRASTRUCTURES NUMÉRIQUES

Systematic
Paris Region Deep Tech Ecosystem

# VATES

- French Open-source editor, incorporated 2012, 150 employees, 16 M€ (50% from US)
- Comprehensive virtualization stack: the XCP-ng hypervisor (based on Xen), the Xen Orchestra orchestration console, a suite of DevOps tools, the XOSTOR storage solution, and APIs for integration with third-party storage and environmental impact optimization tools.
- Customers in all sectors : TDCNET (leading telecoms infrastructure operator in Denmark), Harman, Cloud temple, Canadian Bank Note, AMD, Sony Interactive Entertainment…
- Key challenges addressed : full virtualization stack, sovereignty, hardware-agnosticism (AI), security (confidential computing), dynamic security, operational reliability at the far edge
- Serie A fund raising last July : 30 M€ with bpifrance Large Venture and Iris Growth

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- Links to 6G / the SNS JU : sovereign virtualization infrastructure for AI, secured, from Cloud to Edge
- Any existing links with national research projects, where relevant
  - HyperOpenX : AMD SEV confidential architecture integration
  - ReNESENS : KALRAY DPU & Clever Cloud open-source network mngt (Sozu) integration
- European project experiences both as participant and coordinator
- Relevant topics of the 2027 SNS JU Work Programme
  - European telco AI edge platform (Stream D)
    - telecom-grade execution layer ; hardware-agnostic deployment
  - Security and Resilience by Design for Sovereign Connected Digital Fabrics (Stream B)
    - System-level secure and resilient architectures

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