



Klepsydra AI

**Software Framework for highly efficient
AI inference and data processing to enable
Intelligence for embedded systems**

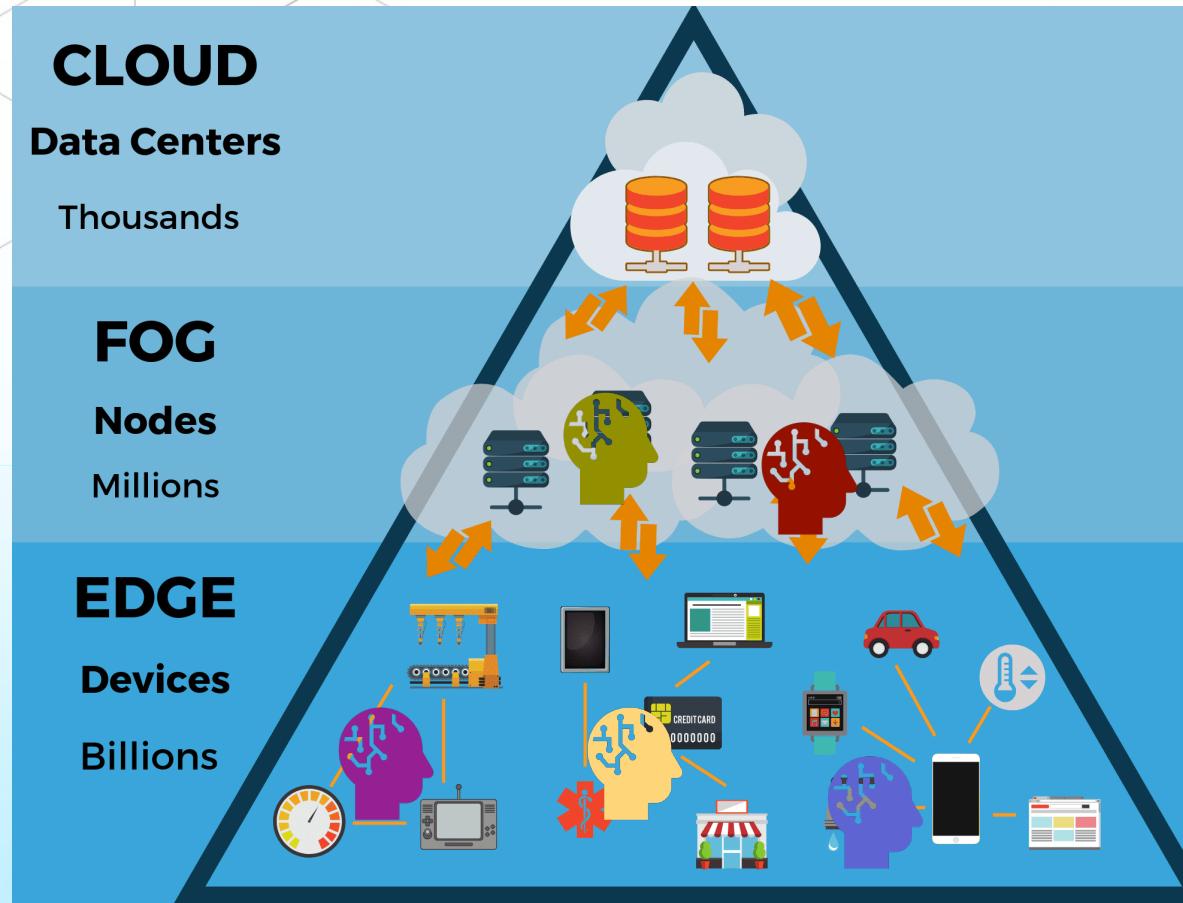
**EDGE
COMPUTING**

Klepsydra

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Problem

Edge AI - fast growing field dealing with billions of AI ...



 Implementing AI for one model & one platform is already complex!

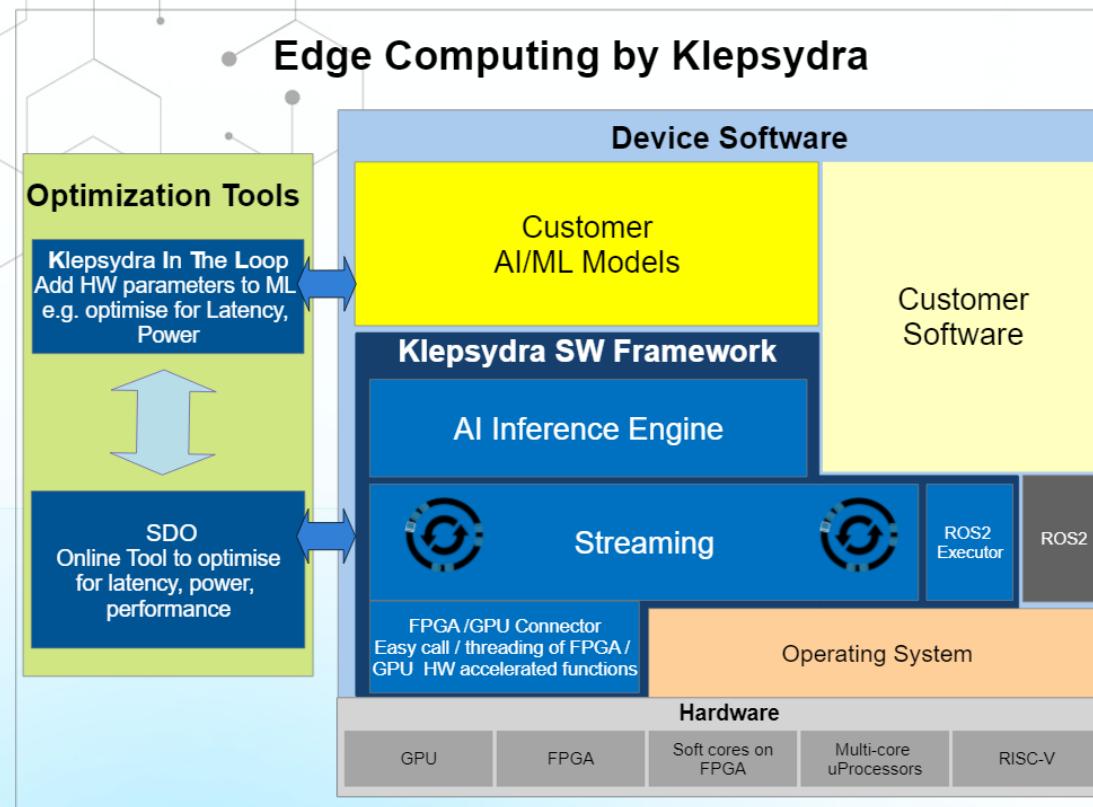


Edge runs on many different platforms

Problem	Implication	Need
Algorithms do not run on the required Hardware	  	Run algorithms more efficiently, → no hardware upgrade
AI application might need to run on different hardware	 	Unified development frameworks, agnostic of the hardware → development costs are kept low
Different hardware types come with different AI deployment tools	 	Software that runs agonistically on different processors while providing high efficiency

Addressing the Need

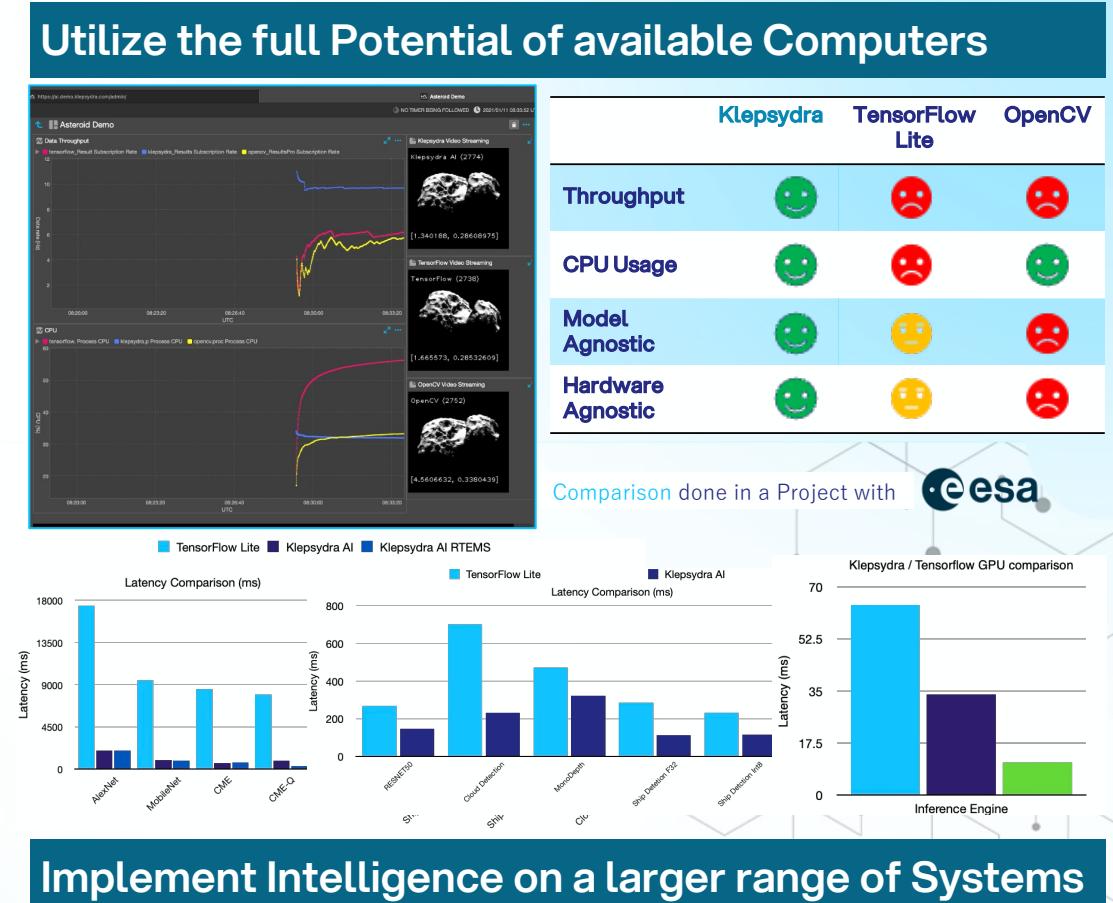
Klepsydra SW framework for edge computers



**Performance is
achieved by:**

Lock-Free
Algorithms

2-dim Threading
Framework



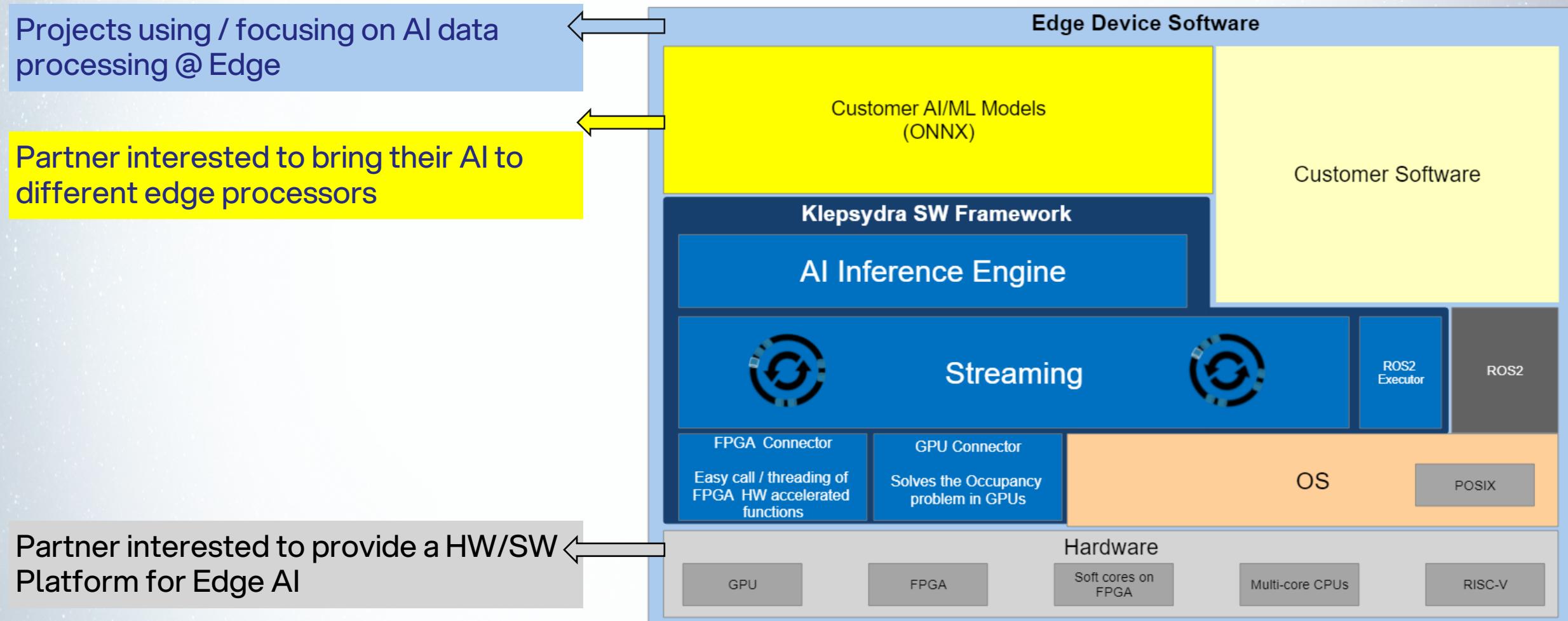
Implement Intelligence on a larger range of Systems

What are we looking for?

Projects using / focusing on AI data processing @ Edge

Partner interested to bring their AI to different edge processors

Partner interested to provide a HW/SW Platform for Edge AI



Company Information

About Klepsydra

> Europe / RoW

Klaus Buchheim
Business Development
Klepsydra Technologies AG, Switzerland
+41 78 249 3720
klaus.buchheim@klepsydra.com

> US

Mike Carey
President
Klepsydra North America LLC
9057 Center Rd, Traverse City, MI 49686, US
mike.carey@klepsydra.com

> General

sales@klepsydra.com

