



# **Introduction of Weka to EuroCC Summary**

Date and time: 22 February, 3pm – 4pm CET

Location: Virtual via Zoom

Organiser: CASTIEL WP3 – Training, Twinning and Mentoring



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## Background

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WekaIO<sup>1</sup> got in touch with the main representatives of the EuroCC and CASTIEL projects<sup>2</sup> in November 2021 with a request to introduce the company and its solutions to the members of EuroCC. It was agreed that an online introductory presentation with a demo would take place on 22 February 2022 from 3pm – 4pm CET. It was open to anyone in the EuroCC and CASTIEL network interested in attending.

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## Agenda

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Topic	Presenter
1. Welcome and introduction	Martina Blazkova, <i>CASTIEL WP3 Training, Twinning and Mentoring</i>
2. Presentation of WekaIO to EuroCC a. Presentation of the company b. Presentation of Weka's solution c. Demo	Adrian Burch, <i>Regional Manager EMEA</i> , Mark Lucas, <i>EMEA Senior Systems Engineer Manager</i>
3. Open discussion and Q/A	Adrian Burch, <i>Regional Manager EMEA</i> , Mark Lucas, <i>EMEA Senior Systems Engineer Manager</i>
4. Closing	Martina Blazkova, <i>CASTIEL WP3 Training, Twinning and Mentoring</i>

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## Participants

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The presentation was attended by 48 people from EuroCC and CASTIEL. Representatives from different National Competence Centres participated in the meeting.

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## Content of the Meeting

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The presentation started with a welcome from Martina Blazkova, CASTIEL WP3, who introduced Adrian Burch, Regional Sales Manager. He then welcomed everyone and presented his colleague, Mark Lucas, EMEA Senior Systems Engineer Manager.

Adrian Burch then shortly presented WekaIO, a company that seeks to “make storage a utility to enable customers to maximize the value out of their data” by offering a modern subscription software-based data platform, Weka’s Limitless Data Platform™ built on the shareable, scalable, and distributed file storage system WekaFS™, delivering 10x+ performance and scale demanded by today’s cloud and AI workloads.

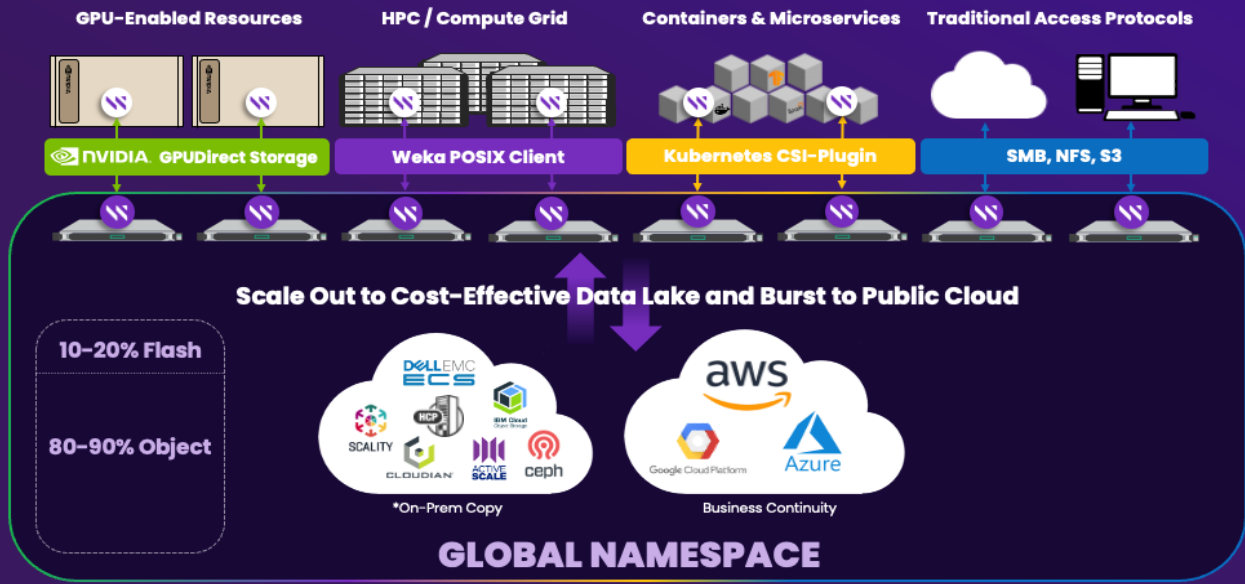
Mark Lucas then continued with introducing the WekaFS, the modern file system that uniquely empowers organizations to solve the newest, biggest problems holding back innovation and research. Mark also added that WekaIO application workloads are extensive but not excluding CryOEM, Genomic research, Astrophysics, Computational and Scientific Engineering, Bioscience and AI/ML. Their customers include Genomics England, Decode Genetics, Institut Pasteur, University of Southern Denmark (SDU), Chalmers Institute, Pfizer, Swiss Institute of Bioinformatics, KAUST, Harvard Medical school and many more.

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<sup>1</sup> <https://www.weka.io/>

<sup>2</sup> <https://www.eurocc-access.eu/about-us/the-projects/>

# WEKA Unified Data Platform



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# Full Featured and Flexible Platform

	Dedicated Infrastructure	Converged Infrastructure			On-Prem COTS Servers			Public Cloud	
<b>FILESYSTEM</b>		POSIX-Compliant Agent	NVIDIA* GPUDirect* Storage	Kubernetes CSI Plugin	S3	NFS	SMB	<b>MANAGEMENT</b>	
<b>DATA SERVICES</b>		Instant Snapshot & Clone	Snap to S3	Tier to S3	Backup / DR	At-Rest & In-Flight Encryption	Cloud Bursting	Security / Authentication	
<b>CLUSTER RESOURCE MANAGER</b>		Zero-Copy Resource Manager	Distributed Data & Metadata Placement	Dynamic Load Balancing	Independent Capacity & Performance Scaling	End-to-End Distributed Data Protection	Intelligent Fast Rebuild	Command Line Interface and REST API	
<b>NETWORKING STACK</b>		High-Speed Networking	RDMA Semantics / Magnum IO	NVMe over Fabric	Network Traffic Shaping			Proactive Cloud Monitoring	

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After the presentations, a short demo of the platform was shown to the participants to demonstrate how it works and what the main features are. Participants asked questions, which led to the final part of the meeting – the Q&A session and open discussion. The meeting was closed with a summary of the main points.

## Output

The NCCs got the opportunity to get to know WekaIO and its solutions. The WekaIO information was sent to the EuroCC and CASTIEL network.

In case of NCCs' interest to explore more about WekaIO or to start a collaboration with them, the NCCs will contact Adrian Burch - [adrian@weka.io](mailto:adrian@weka.io) or Dave Ranson - [david.ranson@weka.io](mailto:david.ranson@weka.io).



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