



ICAR ADE as an Enabler for Inclusive Data Integration

A Cloud-Based Herd Management
Case Study from Catalonia



Quick introduction



CEO UNIFORM-Agri



FEFRIC

Territori CAT


AVAGI · AFRIGI · AFO · AFV

AFNU · AFTP · AFAUC

Presentation also on behalf of
Rita Casals Subirana from
FEFRIC

Why this matters: The Digital Dairy Ecosystem



 The challenge is no longer collecting data, but transforming fragmented data into **trusted information**

Current Challenges for Milk Recording Organisations

More data than ever – but too fragmented



The challenge: How can MROs remain the trusted data steward while enabling integration, innovation and new services for farmers?



FEFRIC & UNIFORM-Agri: Strong partners, shared vision



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The reference for
Holstein breeders
in Catalonia



Digital solutions for
dairy farmers &
industry worldwide



Support breeders

with services, knowledge
and tools to improve herds and farms



Expertise

Milk recording, genetic evaluation,
herdbook, advisory and training



Commitment

Data ownership, transparency
and delivering value to members



Working together
to create value
for breeders



Enable the dairy community

with integrated software
and data solutions



19,000 active licenses

Farmers using UNIFORM-Agri solutions



Active in 50+ countries

Serving dairy farmers & industry
worldwide



Expertise

Herd management, data integration,
cloud platforms and interfaces



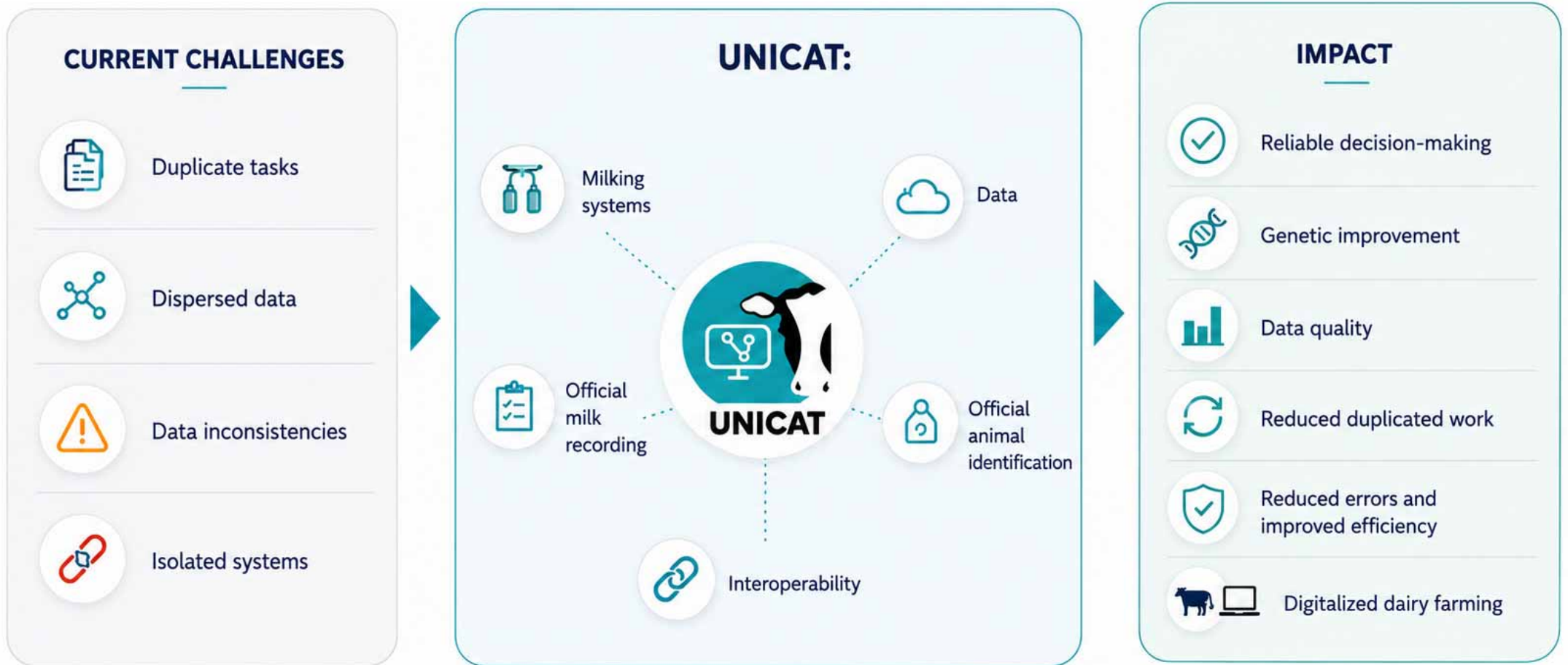
Commitment

Interoperability, innovation
and long-term partnerships

Our shared vision: A connected digital ecosystem that empowers breeders with trusted data, better insights and more value from their information.

The UNICAT Concept

Integrating milkrecording into digitalized dairy farming – creating a platform for the FEFRIC Members



Data Ownership and Governance

Trust and transparency are at the core of the UNICAT project. Clear governance ensures farmers and organizations can rely on the system with confidence.



FEFRIC farmers own the data



FEFRIC governs access



Data hosted under FEFRIC governance in Spain

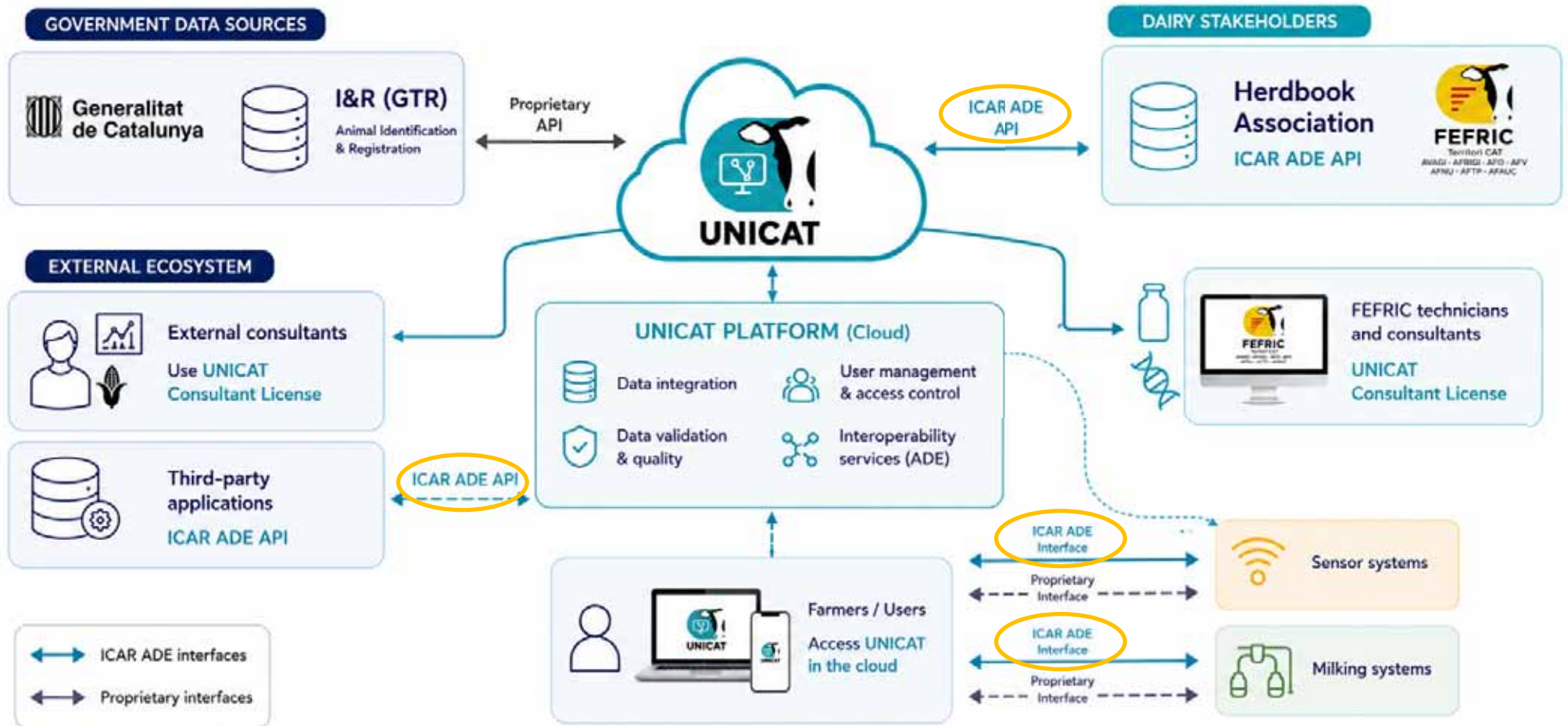


UNIFORM-Agri is the service supplier

By keeping data ownership with the milk recording organization, UNICAT ensures that farmers retain control over their data. FEFRIC acts as the trusted steward, maintaining data integrity and governing who can access what, preserving the trusted relationship between farmer and recording body.

ICAR ADE-based Data Exchange Architecture

UNICAT connects official data, farm systems and the dairy ecosystem through ICAR ADE



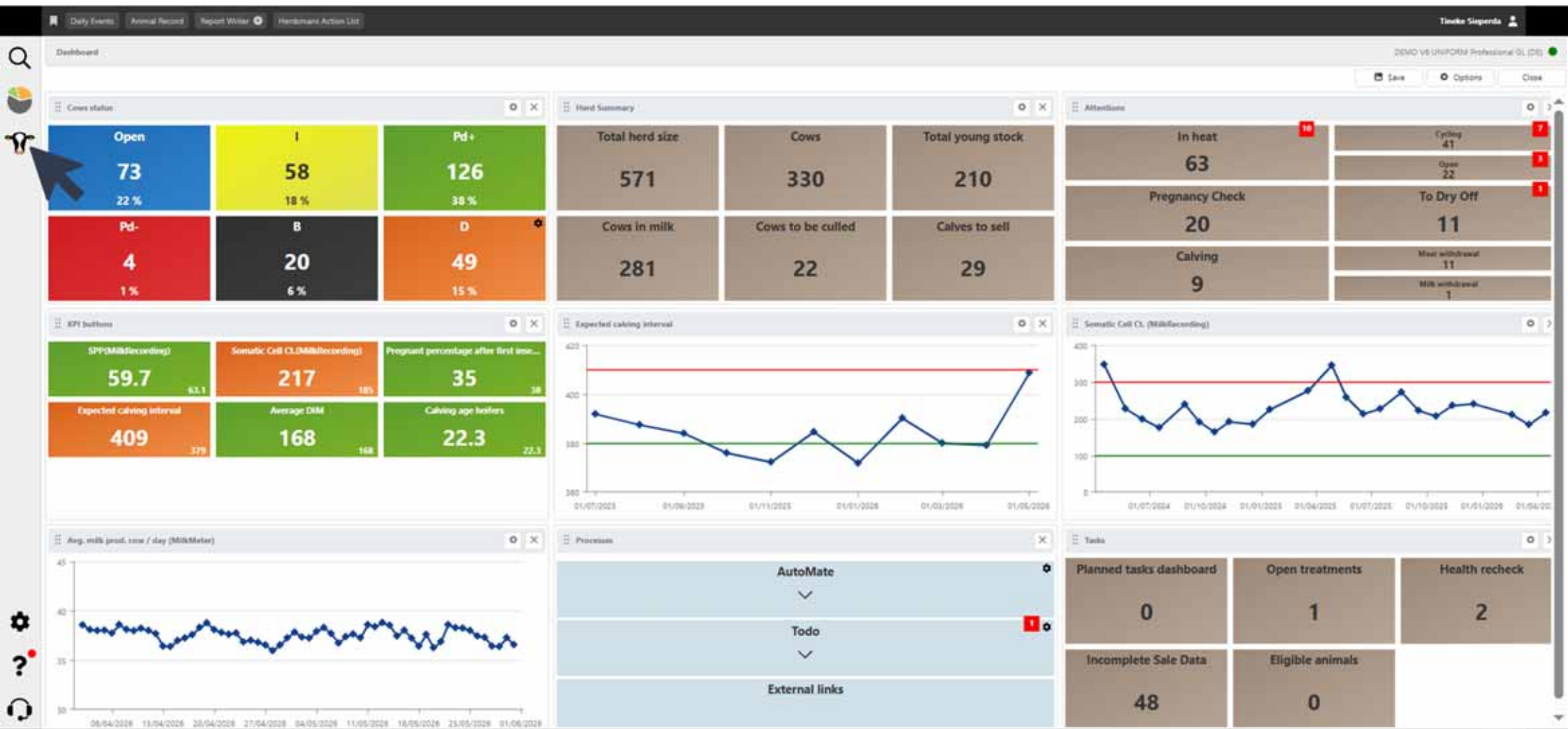


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Management

Almu test ES feed

V6 Test UNICAT TEST WS

1 Daily Tasks

2 Milk management

3 Fertility

4 Health / Treatments

5 Herd

7 Service Bulls

8 Feeding

9 Milk forecast

10 Special Reports

11 Costings

12 Links

UNICAT

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Dashboard Management

Close all

- *Different licenses can target different customer segments.*
- *From just viewing milkrecording and genomic data to a full herd management platform*

Challenge – Combining different data sources

12.2.3 Management / Units / GTR / Request herd inventory

Robbin Illoo VS UNICAT

Base de datos UNICAT

Inventario GTR

Animal no.	Ear tag	Date of Birth	Breed	Purchase date	Sex	Ear tag	Date of Birth	Breed	Purchase date	Sex	Status
100001	E5080905225365	28/10/2020		15/12/2024	♀	E5080905225365	28/10/2020	Mestissa	15/12/2024	♀	Ok
2471	E5060905082471	12/5/2019		15/12/2024	♀	E5060905082471	12/5/2019	Mestissa	15/12/2024	♀	Ok
100003	E5090905082474	22/5/2019		15/12/2024	♀	E5090905082474	22/5/2019	Mestissa	15/12/2024	♀	Ok
5681	E5000905065681	9/9/2019		15/12/2024	♀	E5000905065681	9/9/2019	Mestissa	15/12/2024	♀	Ok
5689	E5080905065689	23/11/2019		15/12/2024	♀	E5080905065689	23/11/2019	Mestissa	15/12/2024	♀	Ok
5370	E5020905225370	25/11/2020		15/12/2024	♀	E5020905225370	25/11/2020	Mestissa	15/12/2024	♀	Ok
5369	E5020905225369	21/11/2020		15/12/2024	♀	E5020905225369	21/11/2020	Mestissa	15/12/2024	♀	Ok
5697	E5050905065697	23/1/2020		15/12/2024	♀						Not in GTR
9585	E5080943219585	11/5/2026			♀						Not in GTR

Wizard Update database

Print Preview Properties Close

Future opportunities

Integrated data creates a foundation for:

- ✓ Benchmarking
- ✓ Sustainability reporting
- ✓ Predictive health monitoring
- ✓ AI-supported advisory tools



The challenge **goal** is to no longer collect data, but transforming fragmented data into **trusted information**



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- *Data fragmentation remains one of the major challenges facing the dairy sector*
- *ICAR ADE provides a practical framework for interoperability and standardised data exchange, ready for future innovations*
- *UNICAT demonstrates how official milkrecording can be integrated within the digital eco system while maintaining governance and data ownership*



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Thank you



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