

#### FotoWare, IPTC and the Future

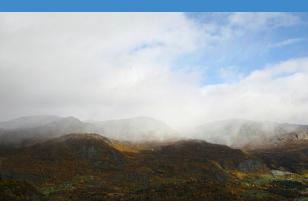
#### Andreas Gnutzmann CTO, FotoWare

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### FotoWare facts

#### Founded in 1997 in Oslo, Norway



#### **36 employees from 11 countries**



#### Serving customers in all industries world-wide



#### Strong partnerships



- One of the world's first DAM vendors
- 4 offices: Norway (HQ), Australia, Russia & Sweden

- 40% female employees
- Different background and education

- 4000+ customers in different industries
- 250 000+ users

Caring

- 42 FotoWare partners worldwide
- Microsoft Gold Cloud Certified Partner
- Amazon Web Services
  Partner

Responsible

#### Innovative

#### Passionate



### FotoWare and IPTC

- Embedded metadata as core strategy since day 1
- Early adopter of XMP
- Metadata is our database
- Our customers are free to leave at any time
- But they don't



### Why Embedded Metadata?

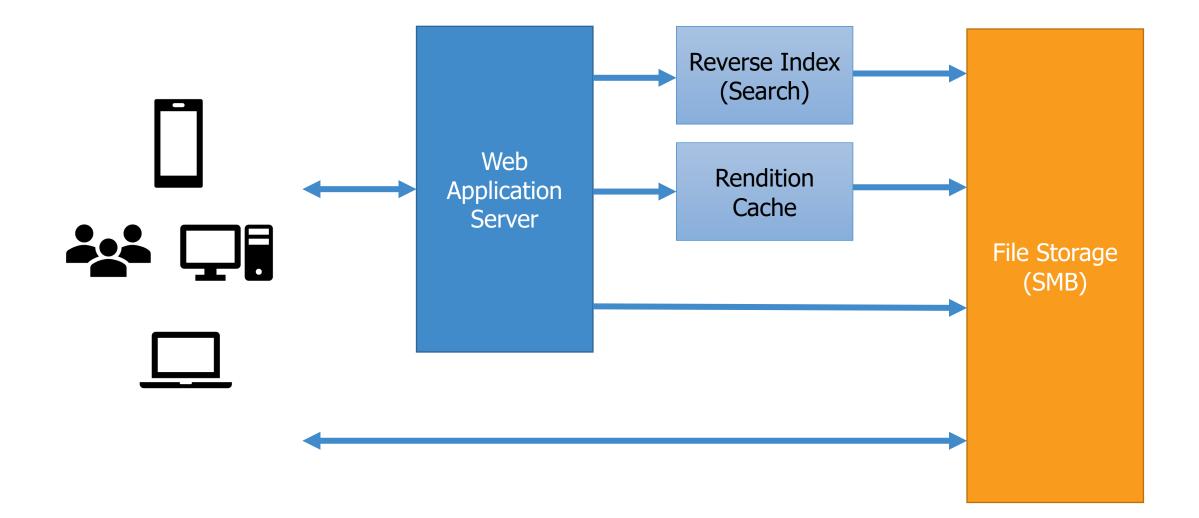
Joins metadata with data

## Data Driven Design

Industry Standard – It's an API!

Licensing & Usage Rights

# Soloware FotoWare Architectural Overview – Legacy





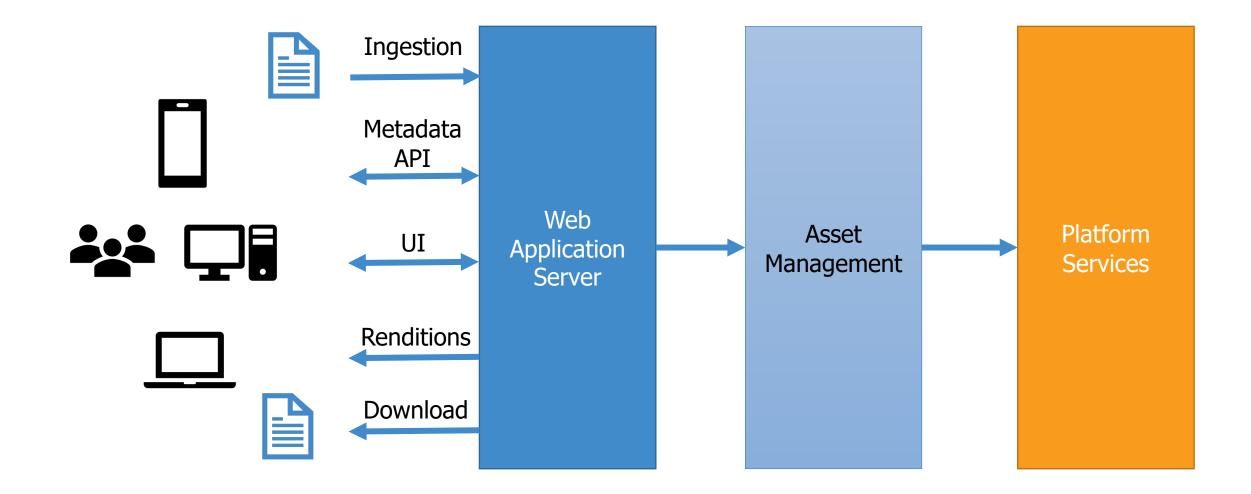
#### From On Prem to SaaS – The Challenge

- Scaling for the future Towards 100 million users
- Offer affordable team scale DAM
- Utilize more affordable, scaling Platform Services
  - Cold Blob storage (Instead of SMB)
  - Distributed Database (Instead of cached embedded metadata)
  - Distributed Search Engine
  - Transcoding services
  - CDNs

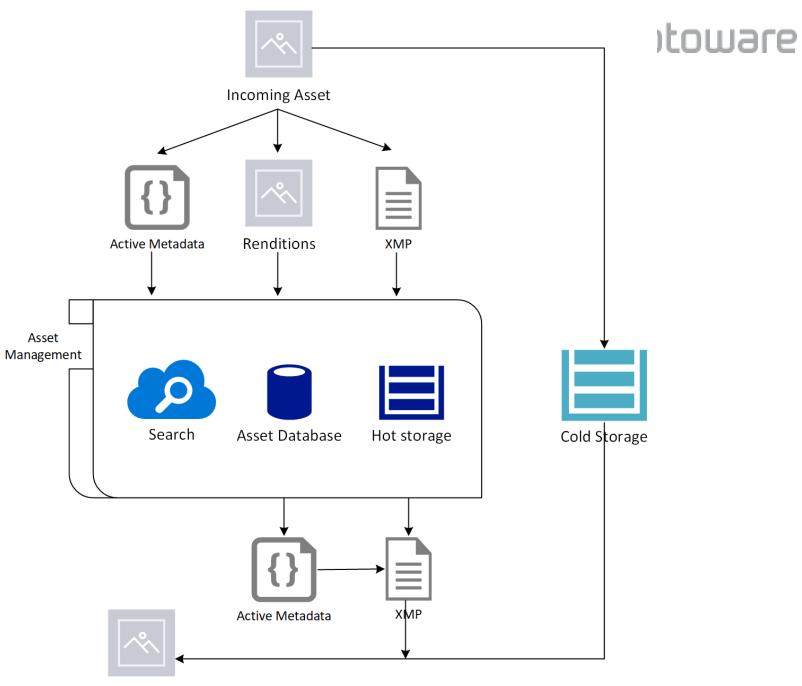
But still support embedded metadata!



### FotoWare Architecture – Cloud Ready



## The Solution: **Asset lifecycle**



Download

Asset



### In conclusion

- Embedded metadata is necessary when exchanging assets and renditions
- However, internal architecture does not need to reflect that
- Embedded metadata is more important now than ever



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