

Content Management Services Architecture

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Tera's Content Management Services Architecture (CMSA) defines the infrastructure necessary to smoothly handle content in a uniform production flow. Products built using the CMSA are able to accept new content formats, and use new presentation and distribution technologies. The CMSA does this by defining how news processing, workflow, conversions and storage methods are added to the system.

Tera's Content Management Service Architecture defines the underlying content and software structure for the foreseeable future.

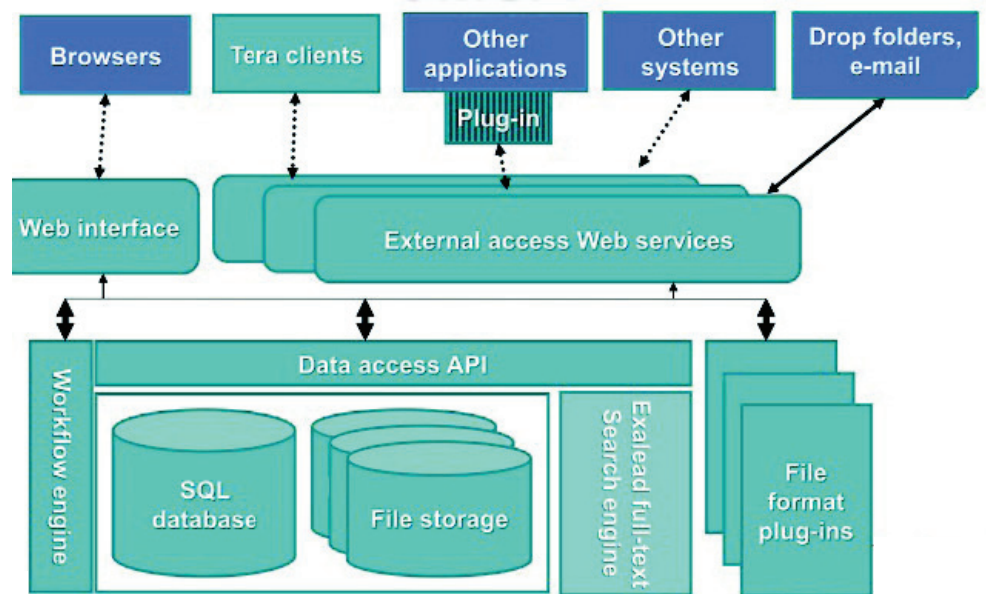
The number of sources of content to be published, the types of content, the distribution channels and presentation technologies are increasing at an accelerating pace. The challenge to newspapers and other organisations is to manage the disparate and often nearly incompatible content sources and presentation technologies.

Publishers are often forced to acquire additional systems and point-solutions to process each new technology or format as it comes along. The result is a difficult-to-manage production, archive and retrieval situation.

- The CMSA allows new functionality to be added through plug-ins, access to local and other services and through new content definitions.
- The CMSA products easily deploy in a Cloud-Computing environment increasing flexibility, reducing Total Cost of Ownership.
- A system built upon the CMSA is not monolithic. It is a group of cooperating software components operating within a well-defined, extensible architecture that is able to accept new technologies and presentation methods.
- Products implemented using the CMSA are web-based, extensible systems that are compatible with all past Tera systems and data. Products using the CMSA are able to accommodate new technologies, content formats and processing concepts as they are, and will be, developed.
- The CMSA allows the developers of new technologies and other third parties to access, manipulate, and archive content using standard web facilities. Standard web facilities, in turn, allow decentralised organisations to work together.

At a Glance

- An Architecture for the Future
- Service Oriented Architecture (SOA)
- Accept New Content Format
- Support New Presentation Technologies
- Web Based
- Content Sharing by Geographically Remote Organisations
- Support for Third-Party formats and technologies through Plugins
- Designed for both Cloud and Enterprise deployment



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