

Etere Ecosystem Rolls Out Microservices Design to Enhance Service Delivery

Etere rolls out microservices design to its framework of software solutions to set a path for the future. It brings quick and easy software updates and deployments to accelerate software innovation.



microservices

Etere Ecosystem, from version 31.2, uses microservices to enhance agility in its software deployment and to accelerate software innovation. In today's fast moving digital realm, being free from technological restrictions and practices help companies to pivot a winning strategy and be ready for the future of broadcast. Etere empowers users to adapt quickly to evolving audience consumption preferences.

Designed with Microservices, Etere Ecosystem brings greater flexibility and service resiliency to users.

All of Etere Ecosystem now is designed using Microservices.

Get the Most Mileage Out of Your Etere Ecosystem with Microservices

Microservices enable services to be individually deployed and scaled. What this translates to is the construction of applications through the chaining of multiple services including graphics overlays, data mover, transcoding and playout. A workflow or a portion of a workflow may consist of multiple microservices that are linked together to accomplish a business objective.

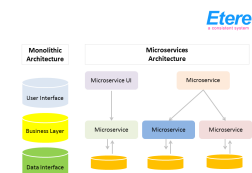
Microservices also require fewer infrastructure than monolithic applications because they enable precise scaling of only the components required instead of scaling the entire application. In addition, Microservices allow very fast, frequent and reliable delivery of large complex applications. This dynamic and scalable approach to application development is important in a fast-moving industry like the media and broadcast.

Microservices VS Traditional Monolithic Architectures

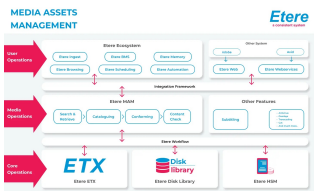
Unlike Microservices, traditional monolithic architectures require an update of the entire application in order to change one part of an application. As the application develops, monoliths become increasingly inflexible and difficult to scale. This results in a more complex test and debug process as well as a slower deployment of software updates. Besides that, traditional monolithic architectures lack the capabilities to fully leverage the benefits of a distributed environment.

Benefits of Microservices

- Quick and easy software updates
- Makes continuous deployments easier
- Software version control is easier to manage in a microservices-based environment
- Enhances service resiliency with a lightweight build and flexible processes
- Easy to isolate any technical problems and confine them to a single module
- Codes in Microservices can be easily updated
- Teams can use different stacks for different components
- Better fault isolation, larger applications are unaffected by a single point of failure
- Easy to understand and easy to scale as the services are separate
- Optimized to leverage the internet and cloud IT environments
- Easy integration of third-party technologies



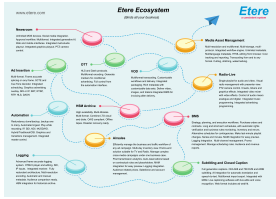
Microservices Architecture



Media Asset Management diagram



Etere Web Multiplatform



Etere Ecosystem

About Etere

Since its beginnings in 1987, Etere has been preparing users to be ready for the future. Etere is a worldwide provider of broadcast and media software solutions backed by its mark of excellence in system design, flexibility and reliability. Engineered in Singapore, the revolutionary concept of Etere Ecosystem promotes real-time collaborations and enhances operational efficiency across the entire enterprise. Etere Ecosystem software solutions including Media Asset Management, Channel-in-a-Box, Newsroom, Ad Insertion, Airsales, Automation, Broadcast Management System, Censorship, HSM Archive, Logging, OTT/VOD Delivery, Radio-Live, Subtitling and Captioning software are built with an integrative Web and Windows architecture that are customisable to fit perfectly in any system. Etere system is developed by 4 different groups in different countries to ensure reliability and quality. Etere delivers on its service excellence commitment with its dedicated team and a 24/7 worldwide support. Its portfolio of digital technologies and market-proven remote/on-site solutions including consultancy, training, installation and demonstrations are ready to run with your business no matter where you are. Etere enhances your adaptability for the future and empowers you with the software tools to drive your business to greater heights. www.eter.com

