What is a Ztream Escalator?

Zstream Escalator is a next-generation solution for Streaming Media auto-scaling. It can be configured to manage workflow resources based on custom requirements and intrinsically promotes carrier-grade availability of your services.

Using metrics and algorithms that work for Streaming Media, Escalator intelligently assigns sources to available resources.

It understands the overarching Streaming Media workflow, while also managing the capacity of individual components.

Ztream Escalator supports multiple types of scaling:

- *Reactive-Escalator will dynamically adapt to changes in demand without causing interruptions.*
- *Scheduled-If you have predictable surges in usage, Escalator can be configured in advance to scale accordingly.*
- *Predictive-With predictive auto-scaling, Escalator is able to anticipate future changes based on your own historical data, anonymized historical data from peer service providers or external data.*
- *What's more,Zstream Escalator works with **any streaming protocol providers**, and region**

Features

Smart Assignment
- *Uses client meta data and historical data to assign sources for optimal division and usage density.*

Work flow Awareness
- *Acknowledges a Streaming Media workflow as a whole as well as the individual components like encoding, packaging and delivery.*

Relevant Metrics
- *Monitors and scales based on metrics and statistics that are relevant for Streaming Media and for the purpose of the workflow.*

Cross-Region and Multi-Provider
- *Can leverage resources from multiple regions for optimal geographic proximity and risk reduction.*
- *Can integrate with multiple providers and divide sources based on configurable parameters.*

More information, visit https://www.pledo.co/ztream-escalator   Contact:sales@pledo.co