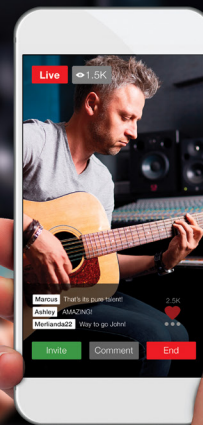


Real time live streaming

Ultra-low latency for interactive engagement

Live stream with less than 1 second latency. It's that simple!



< 1 sec.

Stream Latency

Real time live stream delivery provides interactive engagement

< 400 ms

Stream Load Time

Broadcasters deliver a live stream, viewers access it instantly

< 3%

Buffer Ratio

Low lag time delivers an overall better viewer experience

Solution Outline

BROADCASTERS	QUANTIL NETWORK	VIEWERS
<p>INPUT/OUTPUT PROTOCOLS</p> <ul style="list-style-type: none"> RTMP HTTP+FLV HTTP+TS <p>PUSH MODE</p> <p>Stream pushed from Broadcaster to QUANTIL Network</p> <p>PULL MODE</p> <p>Other broadcast streams pulled to Broadcaster from QUANTIL Network</p>	<p>ACCELERATION</p> <ul style="list-style-type: none"> High-speed data transfer protocol Predictive load balancing Up-to-date IP database 650+ nodes with 30 Tbps <p>PROCESSING AND REPORTING</p> <ul style="list-style-type: none"> Transcoding DVR Screenshot Multi-protocol conversion External reporting API 	<p>SECURITY & PROTECTION</p> <ul style="list-style-type: none"> URL Token Validation Geoblocking HTTP Referer IP Whitelisting/Blacklisting <p>PULL MODE</p> <p>Stream pulled to Viewer from QUANTIL Network</p>

Our Featured Customers



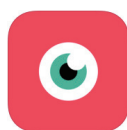
live.me



YouNow



Inke



Live.ly



Douyu TV



Panda.tv

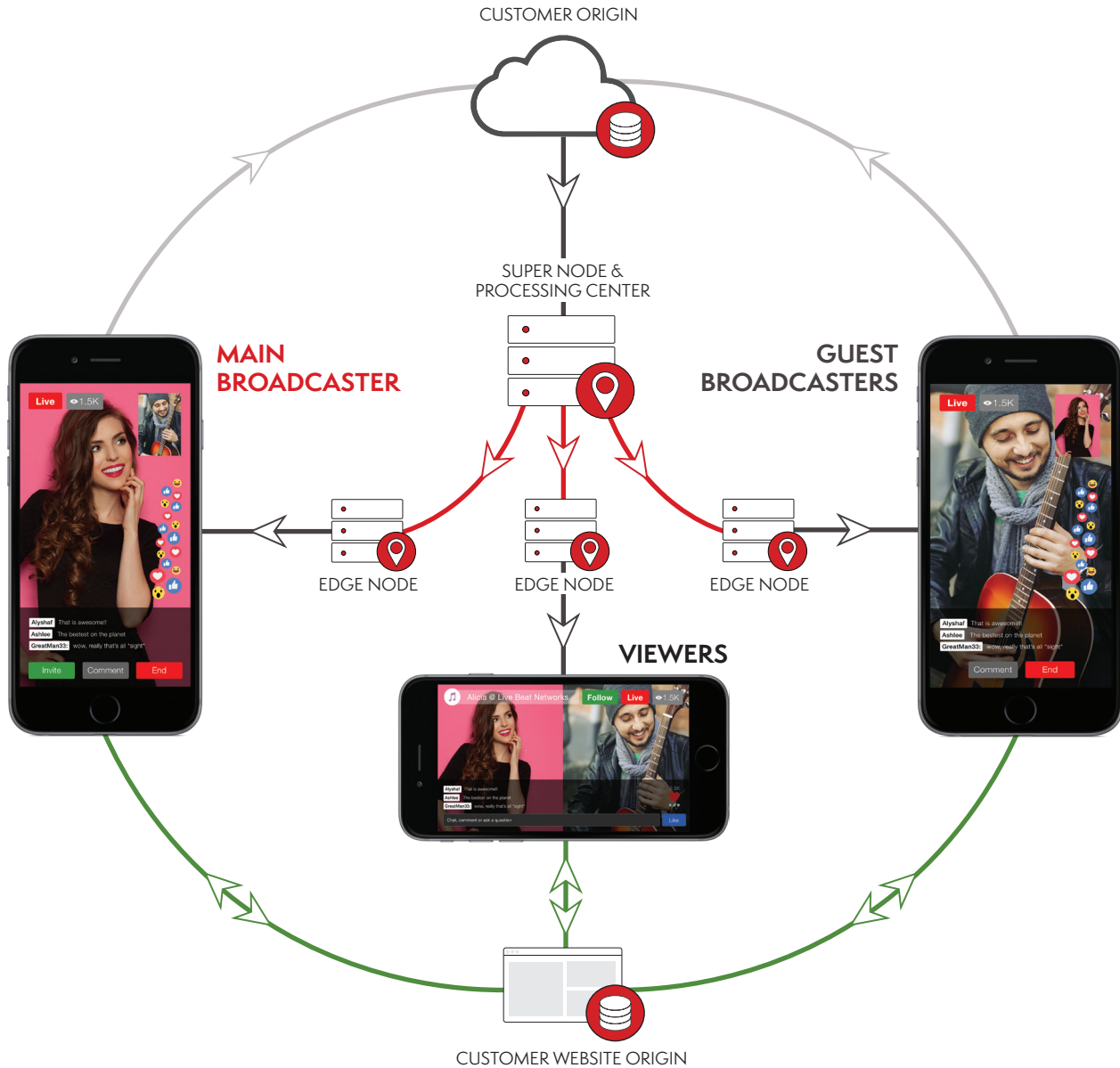






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The Acceleration Process



-  **QUANTIL High-Speed Data Transmission (Pull)**
-  **Broadcaster Video Stream (Push)**
-  **Multi-cast Compositing Stream (Pull)**
-  **Social Messaging Data Stream (Push/Pull)**