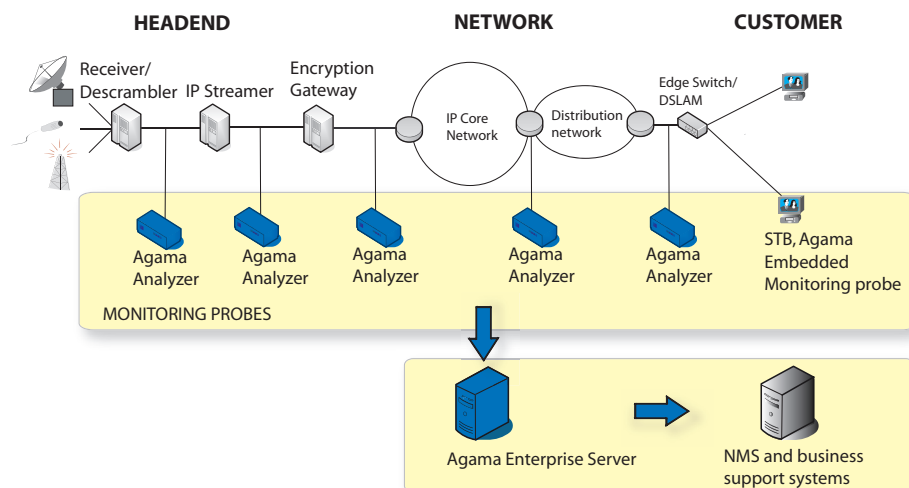


IPTV Quality Assurance

Key Benefits

- End-to-end quality assurance
- Multi-metric monitoring
- Quality of experience (QoE) focus
- Quick overview dashboards
- Multi interface support (IP/ASI/QAM & QPSK)
- MPEG-2/MPEG-4-AVC SD and HD support
- Extensive integration possibilities (NMS/OSS & Customer care)
- Comprehensive reporting with SLA follow-up



Improve Your IPTV Business

Distributing TV in an IP network can be a challenging task. Viewers expect nothing but the highest quality, while the IPTV service itself puts higher requirements on your IP network than other services. Investing in a quality assurance solution as versatile as the Agama IPTV Monitoring Solution helps remaining in full control of your business.

At Agama we understand that service quality is an important part of your core business. As quality assurance solutions have evolved from technical standalone tools to mission critical solutions adding core business value, Agama has been a pioneer in providing end-to-end, multi-metric monitoring solutions to the market. Our solution takes on a holistic view to the need for quality information in your organization, supporting top decision makers, operational departments and the individual technician with objective real-time service quality data. This will increase your customer satisfaction and lower churn.

The Agama Monitoring Solution

Agama's solution is based on versatile monitoring probes capable of analyzing key performance indicators from the transport layer to the video content. With the addition of embedded set-top box monitoring we are the only solution on the market offering all capabilities needed for complete end-to-end TV service assurance.

The central management system adds easy-to-understand technical and non-technical views of the full TV delivery chain. This makes the solution a valuable resource to the whole organization, from NOC, headend and customer support to management.

Today, about 50 telcos, IPTV, cable, terrestrial, broadband and network operators rely on Agama's monitoring solution for assuring quality in their TV offerings.

Agama IPTV Monitoring in Your Environment

Since the Agama solution is completely software based, it fits into an existing IT infrastructure while leveraging on the performance explosion of standard hardware that the market has seen over the last years. With the recent introduction of multi core CPUs and multi queue network controllers Agama's software based approach will continue to give unsurpassed performance while maintaining flexibility in both function and deployment as your requirements on the solution change.

With extensive integration possibilities it can flexibly be adapted to a perfect fit into your service management tool chain and thus interwork with business support systems on virtually all levels in your organization where service quality information is of value for your business.

Agama DTV Monitoring Solution

The Agama TV Service Monitoring Solution is an end-to-end quality assurance solution consisting of any number of Agama Analyzers deployed in strategic locations in your service delivery chain and Agama Embedded Monitoring probes running on deployed set-top boxes, all managed by the Agama Enterprise Server.

Agama Analyzer

The Agama Analyzer software probe provides real time 24/7 monitoring of DTV services. With the most complete and flexible monitoring capabilities on the market it can be used from the headend throughout your distribution network.

Agama Embedded Monitoring

Agama Embedded Monitoring extends the Agama DTV Monitoring Solution into the set-top box and enables an operator to monitor the delivered quality of an IPTV service to each and every customer.

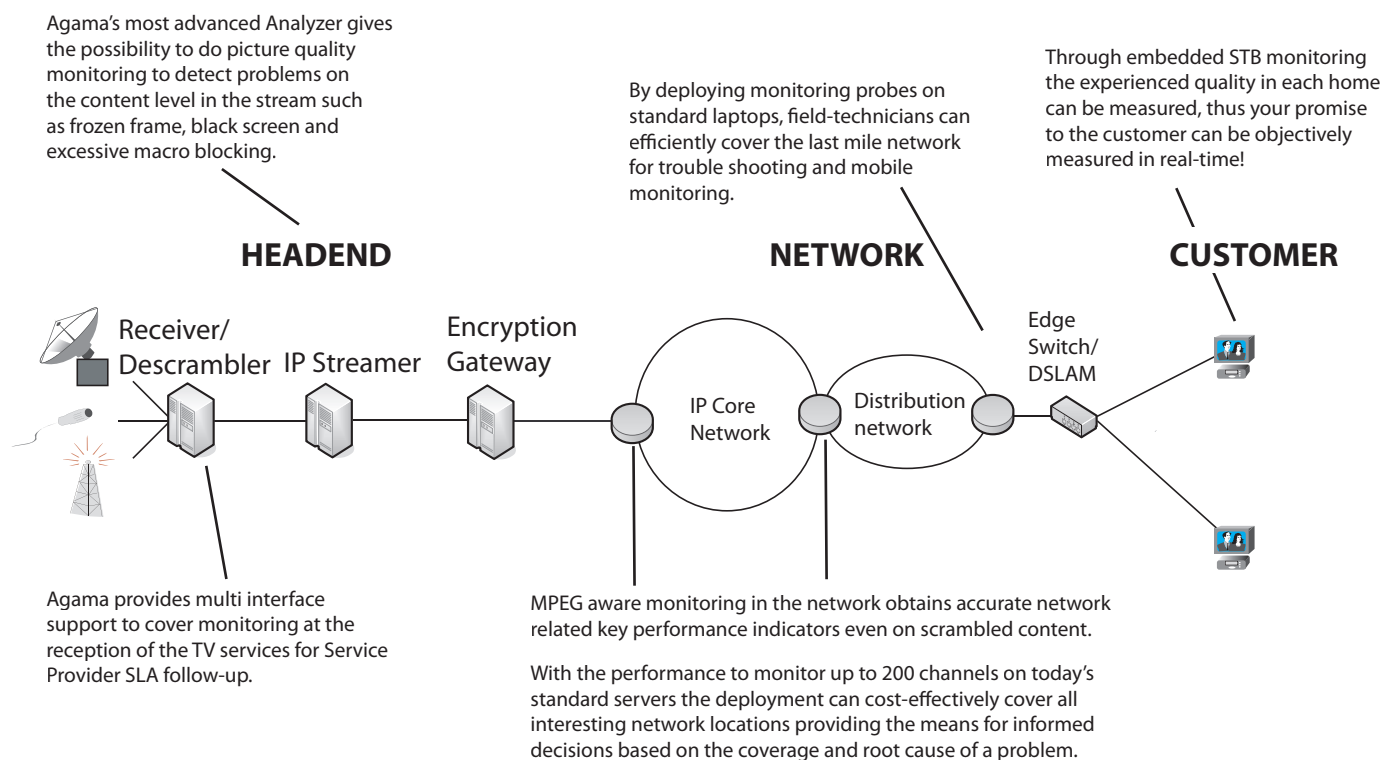
Agama Enterprise Server

The Agama Enterprise Server is the central hub in the monitoring network, aggregating information from all distributed Analyzers and Embedded probes and presenting an overall view of the delivered quality.

Key Monitoring Applications - End-to-End IPTV Quality Assurance

The end-to-end perspective of IPTV service quality monitoring contains three focus areas, the headend, distribution network and the customer premises, each containing several key monitoring applications with very different demands on the monitoring solution.

The Agama IPTV Monitoring Solution has been designed with these key applications in mind, and will thus provide tailored, cost-effective multi-metric monitoring solutions for the complete end-to-end perspective.



About Agama

Agama Technologies provides DTV and broadband operators, telcos and other service providers with solutions and products enabling reliable and cost effective TV services. The Agama product line is a complete and distributed solution for real-time 24/7 DTV monitoring. The solution enables operators to minimize opex and churn by having full control of delivered TV quality and shorten time to fix.