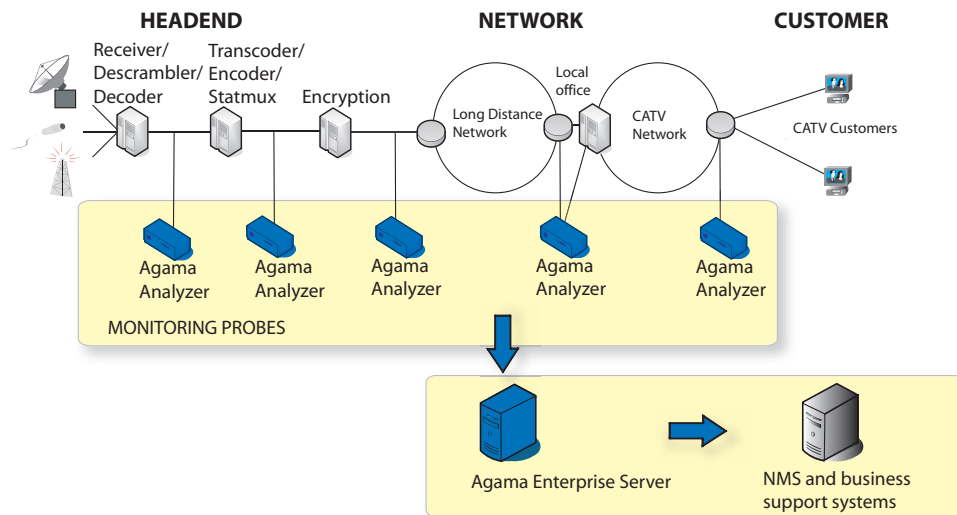


CATV Quality Assurance

Key Benefits

- End-to-end quality assurance
- Multi-metric monitoring
- Quality of experience (QoE) focused presentation
- 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



From Cable-TV to triple-play

The cable TV business is in a constant and fast paced progress as operators strive to compete on the triple play arena. What was once a pure broadcast operation is now utilizing evolved technology to offer Internet access, Voice and VoD services. As operations grow more and more complex the quality expectations from the viewers stays the same. At Agama we understand that TV service quality is an important part of your core business, in fact, we have made it our business to make sure that you can remain in control and evolve your business with the demands of the market.

As TV quality assurance solutions have evolved from the technician's stand-alone 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. Investing in Agama technology 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 on as well QAM as ASI and IP.

The 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 in easy-to-understand technical and non-technical views.

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 TV 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 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 Enterprise Server

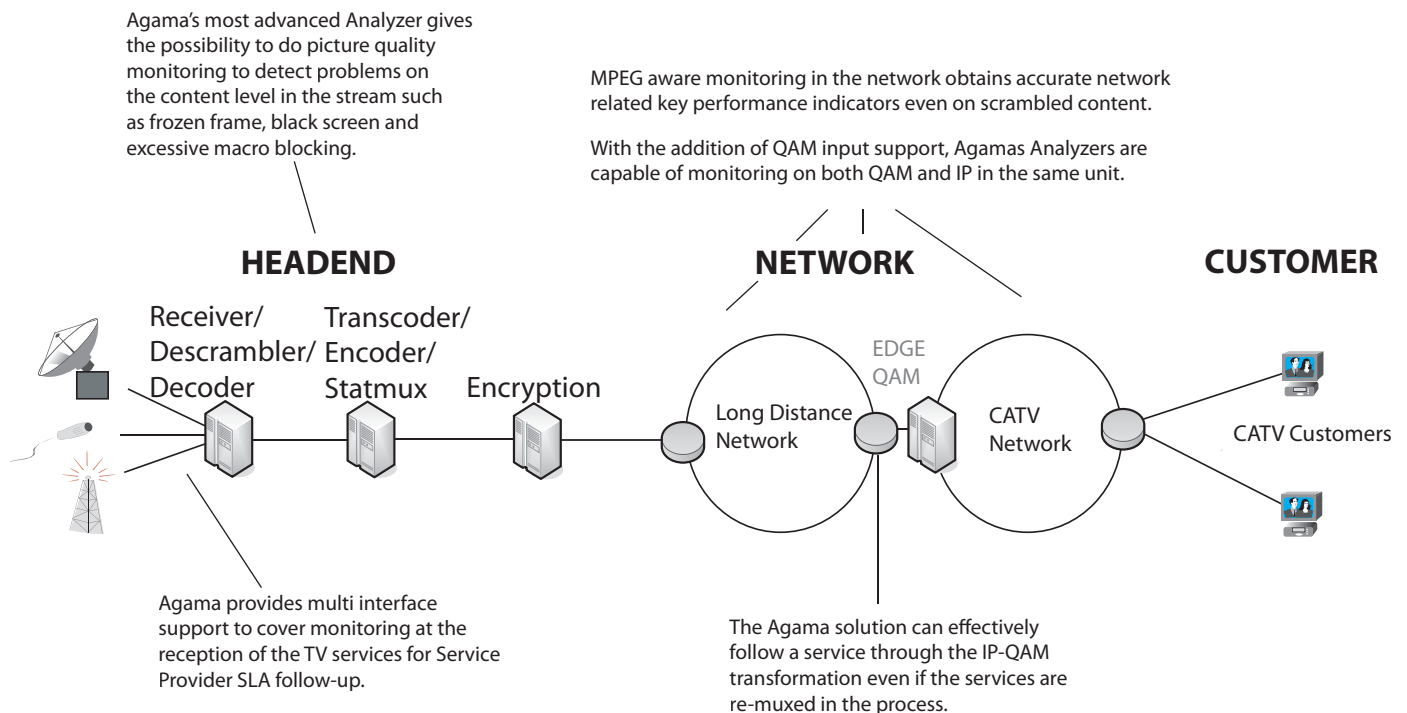
The Agama Enterprise Server is the central hub in the monitoring network, aggregating information from all distributed Analyzers and Embedded probes and presenting an overall view of the delivered quality.

Key Monitoring Applications -

End-to-End CATV Quality Assurance

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

The Agama Monitoring Solution was designed to meet the end-to-end needs of the IPTV monitoring market. With the addition of QAM monitoring capabilities and the transformation of the Agama QoE heuristics to the cable TV domain it fits perfectly for the key applications in end-to-end CATV monitoring, 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.