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Pipeline Pump™ - Universal IPDR Data Collection & DOCSIS Mediation Layer

The Pump serves as the foundation of Pipeline™ providing an IP Detail Record (IPDR) collection layer with unrivaled performance and reliability. The Pump is a high availability software component, residing at the edge of the DOCSIS access network to perform real time IPDR collection, processing, and routing.

Customer Endorsement

“The Pipeline Pump’s performance exceeded the advertised product benchmarks. In a network of our size, the Pump’s scalability dramatically reduces the hardware footprint of our IPDR collection deployment.”

*Systems Engineer
Leading Tier-1 MSO*

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Key Features & Benefits:

Universal DOCSIS IPDR Collection

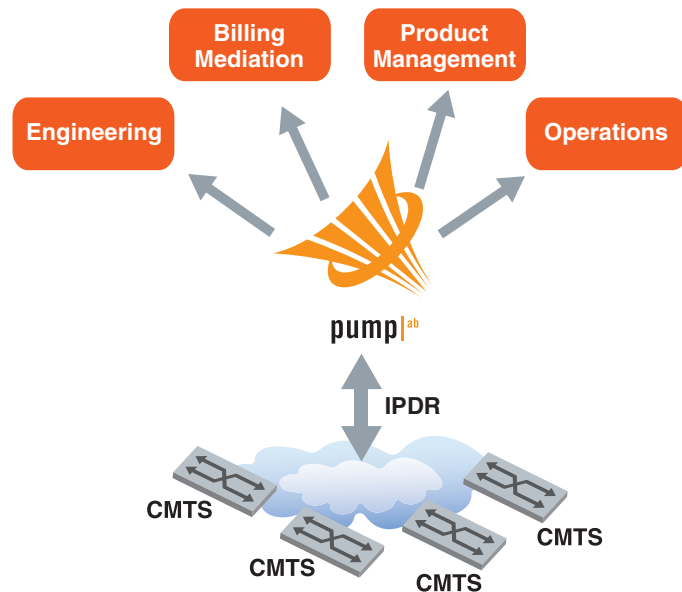
A single unified collection layer for all DOCSIS CMTS vendors and protocol versions eliminates IPDR stream management complexities. The Pump supports all DOCSIS 1.1, 2.0, & DOCSIS 3.0 IPDR Service Definitions, IPDR/SP, CRANE, as well as Cisco’s™ SAMIS protocol.

Data Remediation and Transformation

Fix problems and transform data at the edge. Perform low-level remediation of inbound DOCSIS IPDR streams to improve data quality while transforming IPDR data into different formats for all OSS/BSS applications to consume.

Semantic Routing - Leverage IPDR Data Across your Entire Enterprise

Pipeline patent pending Semantic Routing capability enables operators to intelligently distribute IPDR data streams to multiple OSS/BSS applications concurrently using a variety of network protocols and flexible data formats.



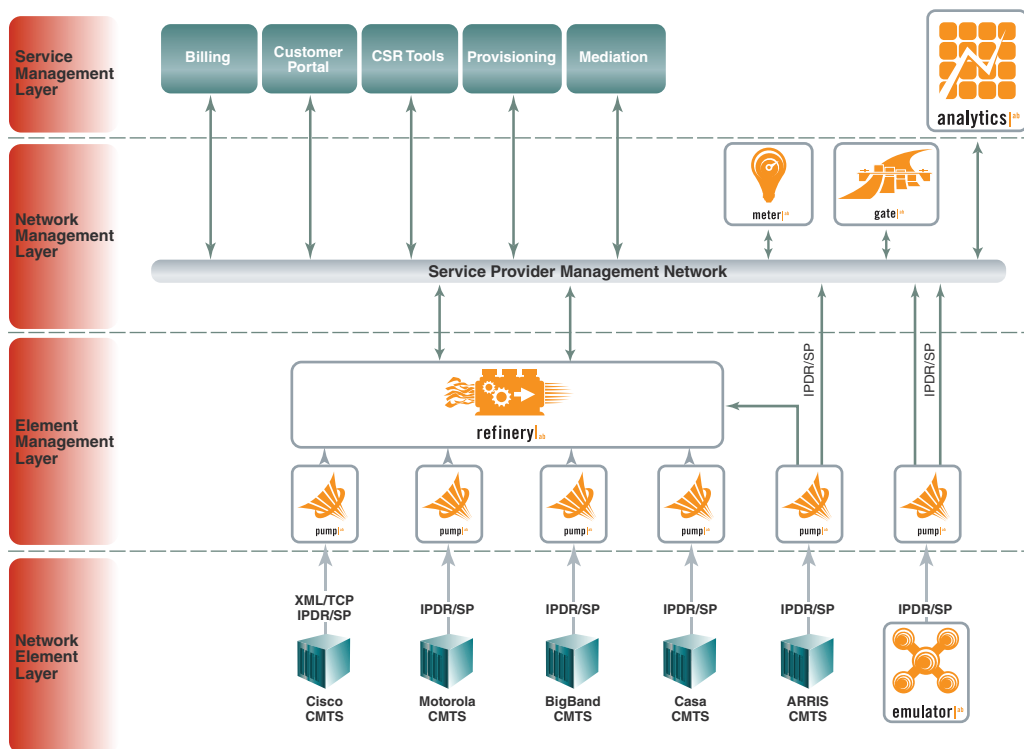
Unrivaled Performance & Scalability

The Pump’s proven best-in-class performance is unrivaled by any other IPDR stream collection and processing technology in the marketplace today. Designed from the ground-up to address the unique needs of Cable’s scale and data network architecture, the Pump fits perfectly into the MSO’s OSS/BSS. Highly optimized software enables operators to collect IPDR streams representing millions of CM devices in a small hardware footprint, resulting in as much as a 10:1 reduction in hardware costs, data center rack-space, and power consumption.

High Availability for Critical Data

With important use-cases such as metered billing, subscriber usage monitoring, and policy enforcement, it is critical that IPDR data is not lost. Pipeline implements a robust high availability architecture that protects important data.

Pipeline's role within Cable's OSS/BSS



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Pipeline Related Products:

- Pipeline Pump™
- Pipeline Refinery™
- Pipeline Meter™
- Pipeline Gate™
- Pipeline Analytics Toolkit™
- Pipeline Emulator™

Pipeline Pump Minimum Systems Requirements:

- Operating System – Redhat EL 5; Solaris 10 (x86-64)
- Hardware – 64-bit quad-core 1.6GHz
- Disk Space – 300 GB
- Memory – 1GB per CPU core

Pipeline Pump Part Number:

PIPE-PUM4.0-SW

Contact Us:

To learn more about the Pipeline and its modular components including the Pump, visit our website at www.appliedbroadband.com or email us at sales@appliedbroadband.com

Pipeline's flexible modular design allows for implementation of stand-alone applications such as the Pump, or bundled solutions that offer a robust range of functionality, security, and business intelligence to the Cable industry.