

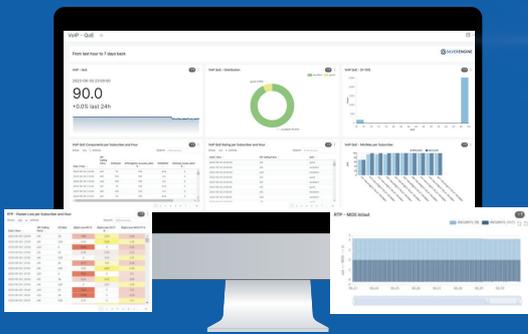
SILVERENGINE

Software Solutions | Software Products | Professional Services | Consulting
For telecom operators and vendors.

5G & 4G Network Analytics

Insights for a premium subscriber experience

Your Benefits



PRECISE

Detailed analysis at subscriber level instead of aggregated level



FUTURE PROOF

Applicable to both 5G NSA and SA Core networks



TOP-DOWN

Drill down to individual subscriber level



FLEXIBLE

Custom KPIs and Dashboards



- ✓ Analyze subscriber experience and device performance in your network with SEA.
- ✓ Identify bottlenecks and inefficiencies to optimize network performance and improve customer experience.

Our Solution

Insights across domains E2E

5G SA commercial deployments are growing – mandatory services like VoIP in 5G (VoNR) must perform better or at least as good as in EPC/LTE (VoLTE) – we provide insights in both domains for comparison and the with details you need.

Minimal setup effort

Pre-defined dashboards are available which can be easily adapted to your needs.

APIs

Easily integrate 3rd party Applications via APIs.

Proactive alerts

Customized reports and alerts are automatically sent to users.

Multi-vendor support

Can work with any 3rd party Network Probe & SCP Platform.



Open Analytics Database & Data Model

Use Cases

| CUSTOMER EXPERIENCE MANAGEMENT | | |
|--------------------------------|---------------------------|------------------|
| 5G NSA/SA | VoLTE/VoNR Optimization | 5G SA |
| Application Optimization | Mobility | IoT Optimization |
| MBB Optimization | FN/IMS Service Experience | Custom Use Case |
| PROACTIVE MAINTENANCE | | |



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Analytics Services and Products Offerings

CONSULTING

- Domain know-how of Subscriber experience analytics
- Analyze existing Data in Data Lakes or Databases
- Validation and usability of available data
- Definition of KPIs and analysis of results

SERVICE DELIVERY

- Data Collection & validation
- Analysis of Data and KPI definitions
- Dashboard creation
- Recommendation of key KPIs and highlight issues found
- Repeat cycle after improvements & recommendation implemented

PROOF OF CONCEPT

- Definition of use case and goals
- Data collection over a period of time
- Analysis of Data and KPI definitions
- Dashboard creation
- Recommendation of key KPIs and highlight issues found

PRODUCTS

- Analytics Tool - Insights for optimizations and fault detection on KPI Level
- Call Tracer Tool - Efficient troubleshooting at message level

Our Capabilities

Subscriber analytics

Experience in implementing Subscriber analytics for new Service Introductions for pioneer Tier-1 operators.

Analytics solution for mobile operators

Implementation of CEM, MBB and VoLTE and 5G Analytics solution for mobile operators.

Relevant technologies

Understanding of the relevant technologies and its applicability to problem solutions, beyond the hype.

20+ years in the Telco industry

Over 20 years of experience in the Telco domain, fixed and mobile including VoIP protocols like SIP and RTP

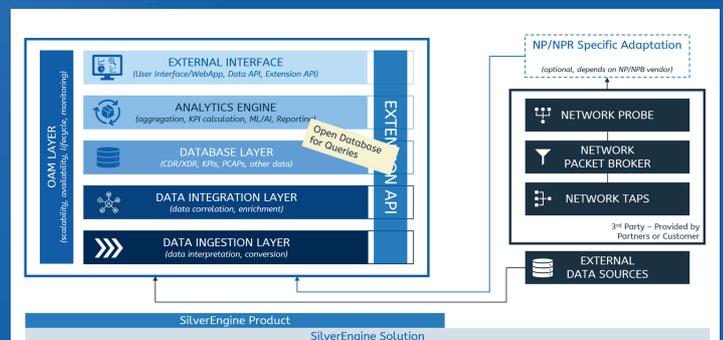
Machine learning

Experience in using machine Learning algorithms on Subscriber data from core and radio network

Network probes

Hands-on experience with multiple network probe vendor

Analytics Tool Architecture



SEA - Subscriber Experience Analytics



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