



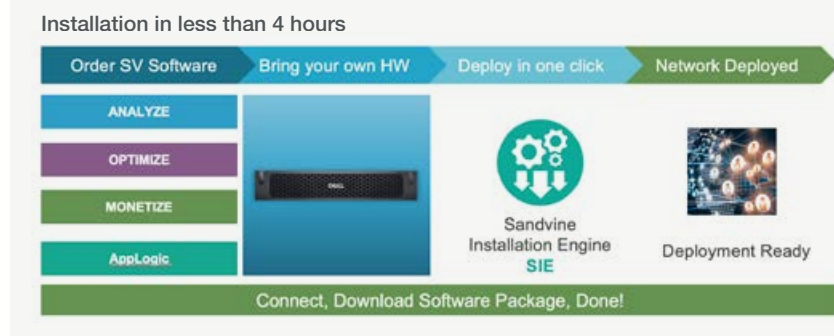
KEY BENEFITS

- Single click installation engine with full software support by Sandvine
- Installation by Integrator, Partner or Customer in a few hours
- Gain TCO improvements by hardware reuse or local procurement
- Customer control over hardware usage and lifecycle
- Simplicity and ease of use

Sandvine Installation Engine

The Sandvine Installation Engine is a state-of-the-art deployment and management tool that is simple, intuitive, and incredibly efficient. The Sandvine Installation Engine is a one-click install, fully automated system that allows for installation, configuration, and auto-testing all less than 4 hours.

Figure 1



Partners, Customers, and Integrators can use the Sandvine Installation Engine to deploy Sandvine solutions on any hardware or cloud environment with the click of a button. It is based on pre-packaged solutions that include the optimal configuration of Sandvine products for a given set of use cases and features.

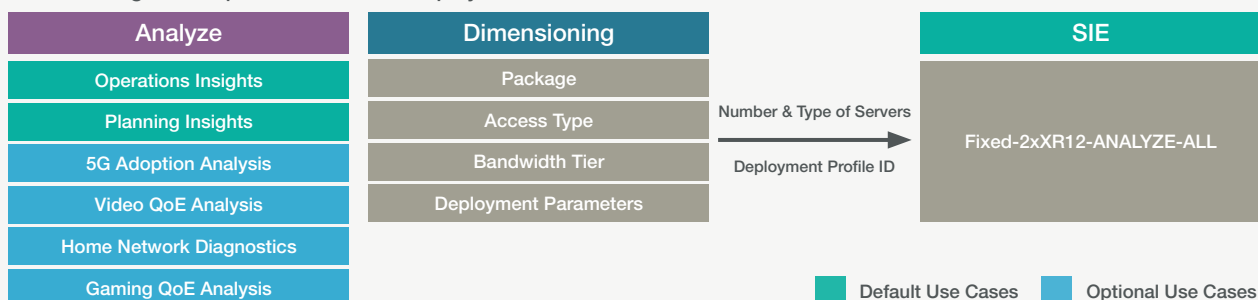
Figure 2



These packages, called profiles, correspond to the new App QoE portfolio. The profiles match the Customer network access type and the expected bandwidth in Gbps.

Figure 3

Dimensioning – Prerequisite for Solution Deployment



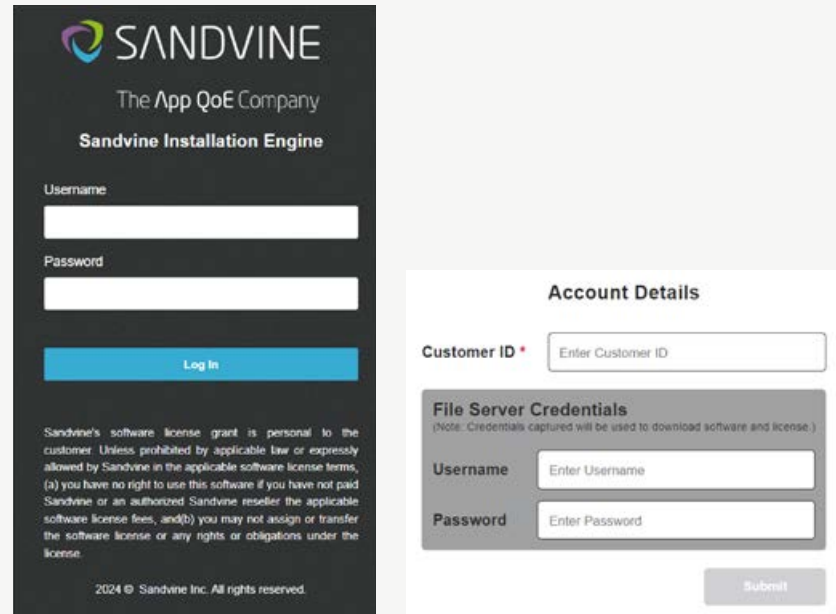
Once the solution details are selected, the Sandvine Installation Engine covers all the necessary installation steps automatically.

Solution validation is achieved by running a pre-defined traffic capture across the system and validating that the use cases are performing correctly.

The Sandvine Installation Engine is downloaded from Sandvine Software Library and can be installed on any laptop or virtual machine. It can also be installed inside one of the servers within the deployment.

Figure 4

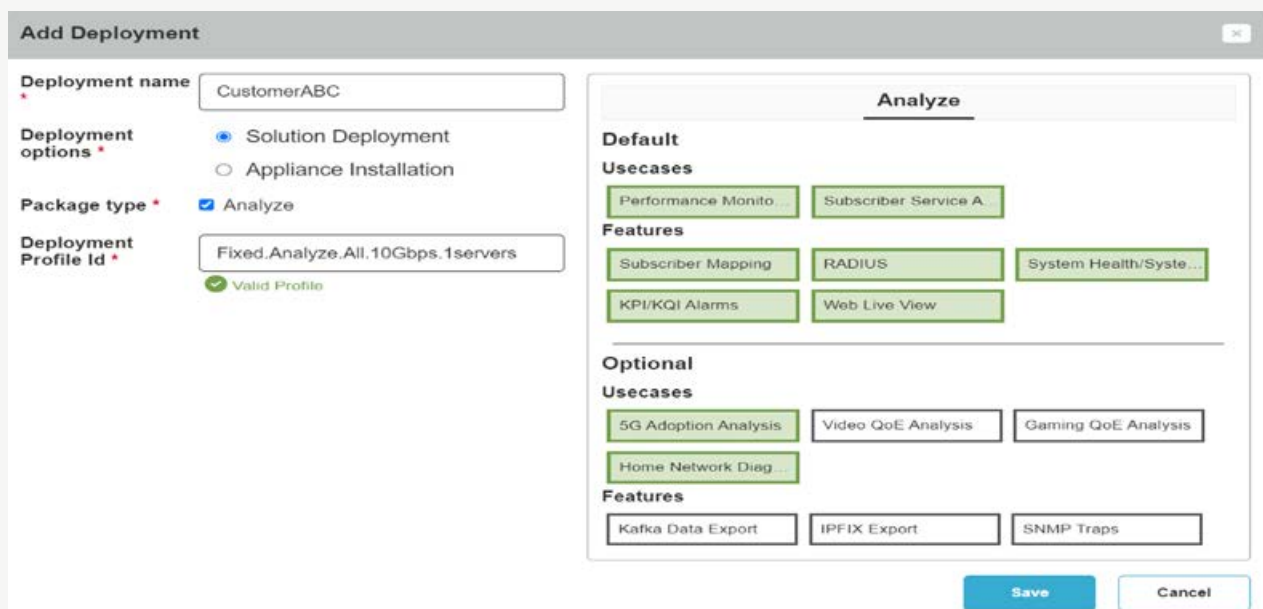
Login Page



The login page features a dark-themed sidebar on the left and a light-themed main content area on the right. The sidebar contains the Sandvine logo, the text 'The App QoE Company', and 'Sandvine Installation Engine'. It includes input fields for 'Username' and 'Password', a 'Log In' button, and a license disclaimer. The main content area has an 'Account Details' section with a 'Customer ID' field and a 'File Server Credentials' section with 'Username' and 'Password' fields, and a 'Submit' button.

Figure 5

Deployment Profiles

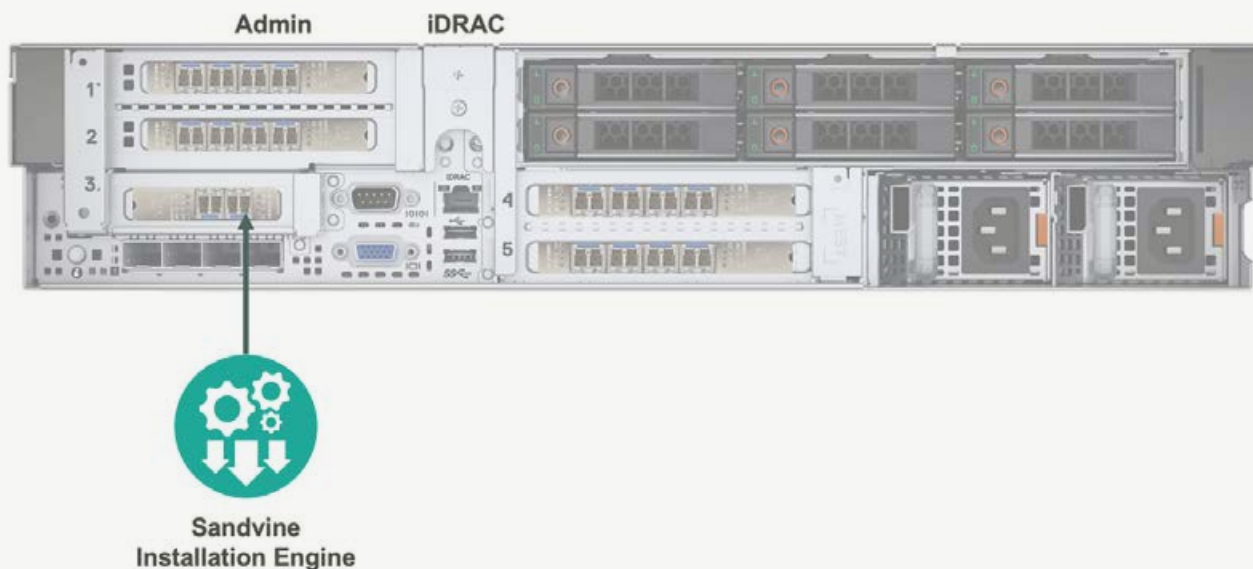


The 'Add Deployment' form is divided into two main sections. The left section contains fields for 'Deployment name' (CustomerABC), 'Deployment options' (Solution Deployment selected), 'Package type' (Analyze selected), and 'Deployment Profile Id' (Fixed.Analyze.All.10Gbps.1servers, marked as a valid profile). The right section, titled 'Analyze', is further divided into 'Default' and 'Optional' categories. The 'Default' category includes 'Usecases' (Performance Monito..., Subscriber Service A...) and 'Features' (Subscriber Mapping, RADIUS, System Health/Syste..., KPI/KQI Alarms, Web Live View). The 'Optional' category includes 'Usecases' (5G Adoption Analysis, Video QoE Analysis, Gaming QoE Analysis, Home Network Diag...) and 'Features' (Kafka Data Export, IPFIX Export, SNMP Traps). 'Save' and 'Cancel' buttons are at the bottom right.

The Sandvine Installation Engine requires connection to the servers via the Admin interface. While it is designed for online work, it can support offline installation if necessary.

Figure 7

Sandvine Installation Engine Admin Ports



KEY FEATURES

- Ready to go: Packaged, tested off-the-shelf solutions
- Fully automated: Simple and intuitive
- Optimal end to end install: Enables use cases and features, deployment and configuration of all products
- Bandwidth Licensing: To max Gbps
- Full Validation: Pre-defined acceptance tests

ABOUT SANDVINE

Sandvine's cloud-based App QoE portfolio helps customers deliver high quality, optimized experiences to consumers and enterprises. Customers use our solutions to analyze, optimize, and monetize application experiences using contextual machine learning-based insights and real-time actions. Market-leading classification of more than 95% of traffic across mobile and fixed networks by user, application, device, and location creates uniquely rich, real-time data that significantly enhances interactions between users and applications and drives revenues. For more information visit <http://www.sandvine.com> or follow Sandvine on Twitter @Sandvine.



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