CSPs sit at the crux of a rapidly changing digital landscape. The connected world’s ever-expanding data traffic travels through CSP networks, yet CSPs find themselves challenged by flat or declining ARPU. Competition and churn are a constant concern and Over-The-Top (OTT) applications cut heavily into traditional revenue sources. 5G raises expectations and poses new challenges.

CSPs must find a way to deliver attractive services at the highest QoE, while reducing both operational expenses and capital expenditures. Allot Smart helps CSPs address these challenges with a suite of solutions that address the following domains:

- **Network Visibility**
- **Traffic Management**
- **Policy & Charging Control**
- **Regulatory Compliance**

Optimal QoE requires the ability to see and understand traffic at network, application and user levels, in real-time. Today, this increasingly means analyzing encrypted data in order to understand what is travelling through the network and at what quality of service. Machine learning and artificial intelligence help identify encrypted traffic and are then marshalled to deduce end-user quality of experience from this network data.

Allot Smart builds on more than 20 years of DPI industry leadership, delivering inline carrier grade solutions to CSP and enterprise customers. Allot Secure can be flexibly deployed centrally or distributed in a traditional network or as a virtual network function in an NFV architecture. It is a future-proof platform that does not rely on any specific protocol or network service since it resides in the data path and is resilient to encryption.
Allot Smart provides CSPs with the following benefits:

- Save at least 10% of access bandwidth costs
- Defer capacity expansion by 1-2 years
- Cut OPEX through automation
- Reduce revenue leakage by up to 15%

With a track record built on proven success with Tier-1 CSPs around the world, Allot Smart enables CSPs to leverage their unique location at the crossroads of the connected world. With Allot Smart solutions, CSPs can extract actionable intelligence from their networks to cost-effectively deliver the best services at the highest quality of experience.