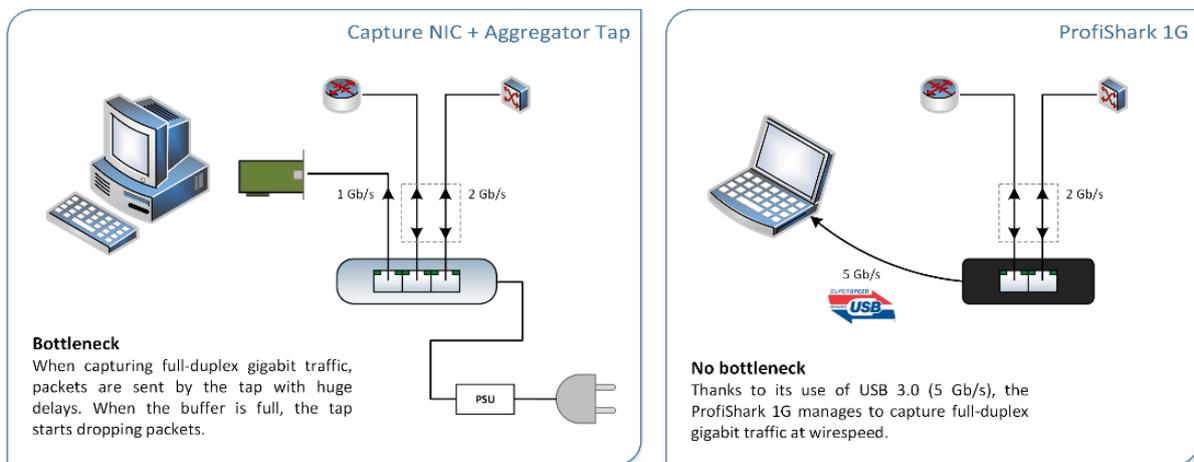# *Proposition for press release/product presentation*

ProfiShark 1G is an innovative portable solution for Gigabit Ethernet troubleshooting.

Up until today, the only conventional solution for capturing Gigabit Ethernet traffic on the field was to use a desktop PC with a special capture NIC, in addition to an aggregator tap; a very costly and inconvenient solution. A laptop NIC rejects level 1 errors, making it unfit for the task. A SuperSpeed USB port is the solution, as USB 3.0 manages up to 5 Gbit/s.

ProfiShark 1G is a complete solution which allows you to capture full-duplex Gigabit Ethernet traffic at wirespeed, without the bottleneck and CPU usage of an aggregator tap. Unlike standard solutions, the ProfiShark 1G can be used with a laptop. Thanks to its compact design, it fits easily in a laptop case.

ProfiShark 1G is the ultimate Gigabit Ethernet troubleshooter for the field service engineer.

ProfiShark 1G is highly portable and powered through USB 3.0.

ProfiShark 1G is compatible with Wireshark as well as many other software network analyzers. ProfiShark 1G works with and offers the same features on Windows 7, Windows 8 and Linux.

The ProfiShark 1G's features include:
- Full-duplex Gigabit Ethernet capture at wirespeed (2x1Gbit/s)
- 8ns hardware timestamp for accurate latency analysis
- CRC error capture
- Capture of any type of frames from 10B to 10KB, such as short/jumbo/VLAN/VXLAN/MPLS/Pause frames, and more
- Fail-safe monitoring, a bypass system activates in case of power failure
- USB 3.0 powered, no adapter required
- Direct capture to disk
- Extremely low CPU usage
- Quick to set up and easy to use

The ProfiShark 1G is a powerful, self-contained solution that only requires a laptop PC with a USB 3.0 port in order to capture gigabit traffic at wirespeed. It is the perfect solution for the field engineer.