

Roundtable: Key drivers of profitability: technologies and innovation to increase ROI in the roll-out of a sustainable fiber access infrastructure

Roundtable Host(s): Adtran

Moderator: Christoph Glingener, Chief Technology Officer (CTO)

NOTE: This workshop will be held in ENGLISH

Time: tbd

Room: tbd



Adtran is a leading global provider of open, disaggregated networking and communications solutions that enable voice, data, video and internet communications across any network infrastructure. From the cloud edge to the customer premise and inside the home, Adtran empowers communications service providers around the world to manage and scale services that connect people, places and things. Adtran solutions are used by service providers, private enterprises, government organizations and millions of individual users worldwide. ADTRAN Holdings, Inc. is also the largest shareholder of Adtran Networks SE, formerly ADVA Optical Networking SE. Find more at www.adtran.com.

Workshop Host

Dr. Christoph Glingener became Adtran's CTO in January 2023 following the company's merger with ADVA. Christoph assumed responsibility for Adtran's global R&D, technology and strategy, and product activities. Previously, he was ADVA's CTO and led the company's product management and advanced technology teams. Christoph focused on streamlining ADVA's technology portfolio, defining the product strategy, and building the group's standing as a global innovator in optical networking. Strategic partnerships and mergers and acquisitions were an integral part of this strategy. Christoph's role at Adtran builds on a long and successful industry career with experience gained in both academic and corporate roles, including leading positions at Marconi Communications (now Ericsson) and Siemens Communications (now Coriant).

Objective:

The workshop aims to bring together investors, industry experts, and stakeholders to explore the transformative potential of sustainable broadband access in the digital era. Participants will gain insights into the opportunities and challenges presented by sustainable broadband deployment, including emerging technologies, policy frameworks, and investment models. The workshop will also shed light on the critical role of sustainability in broadband infrastructure, exploring energy-efficient technologies, circular economy principles, and the reduction of digital carbon footprint.

Format:

- Interactive workshop with max. 20 participants
- One 1h session
- Presentations only support the workshop discussion. The major focus is the active participation and integration of the participants.
- Chatham House rules apply for the entire Di² Summit and secure the high-level trustful environment

Content of the Roundtable:

1. The technical evolution from GPON to XGS-PON and 50G PON
2. Life Cycle Analysis (LCA) of PON OLT: when is the right time for the next technology generation?
3. P2P or PON fiber access: same services but different OPEX
4. Investment models – from utility to communication service provider