

➤ Privately held, Founded in 2004

➤ Management

➤ **David Levi - Co-Founder & CEO**

- 25 years veteran in Communications/Networking Market and System
- Founder & COO of Broadlight (Acquired by Broadcom)
 - David invented (FY2000) the GPON protocol , with two U.S patents related to GPON protocol .
- ECI Telecom, RAD Data com, Tadiran, IDF

➤ **Shavit Baruch - Co-Founder & VP R&D**

- 25 years veteran in Communications/Networking Market and System
- Native Networks : Metro Ethernet System (acquired by ALU) : Chief Architect
- Crascendo : ADC (acquired by F5) : Co – Founder
- ECI Telecom, Lannet , IDF

➤ Business Model

➤ Network processor softcore **"System on Chip"** for telecom/Carrier Ethernet / mobile backhaul/ Data centers/ networking industry

- Deliver FPGA code associated with key chip (plug) : Per FPGA use fee
- Deliver code for ASIC : Per ASIC use and licensing fee
- Structure ASIC

➤ Market Leading Platform Management

➤ *Hundreds of thousands of systems embedding Ethernity 's **ENET** devices deployed by global T-1/ T-2 network operators, including Telecom Italia, BT, FT, DT, Embarq, various operators in Americas , , etc.*

Patented, Unified Single Engine Scalable Architecture Technology for Network Processing

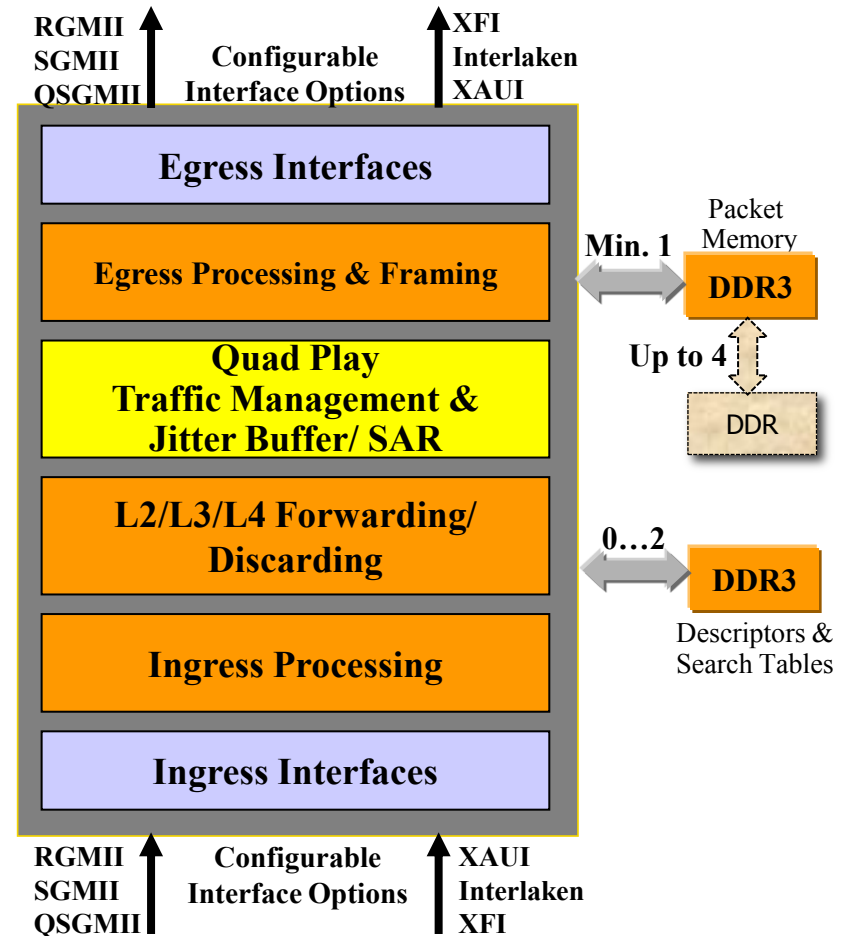
Packet Processor

- Flow based processor, complies with **Open flow** switch
- Virtual / Logical port connection less switching
- Policing / classification
- Integrated Search Engine
- Five level packet header & payload manipulation and marking : MPLS / PBB / QiQ
- Different Editing on duplicated packets
- G.999.1 standard Fragmentation (support both ATM,TDM, Ethernet) including fragment scheduling
- Y.1731, RFC2544, 802.1ag, OAM
- Jitter Buffer / Reordering engine / EFM Bonding
- PWE- CESoPSN
- IEEE 1588, Sync E
- Wire speed NAT/PAT
- TR-101, TR-156 , including AAL5
- Header Compression/decomp

Hierarchical Traffic Management

- Hierarchical QoS
- Hierarchical Scheduling
- Hierarchical Metering
- Hierarchical Shaping

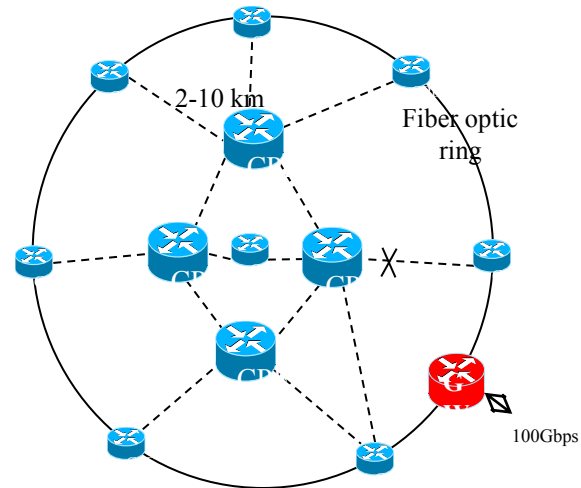
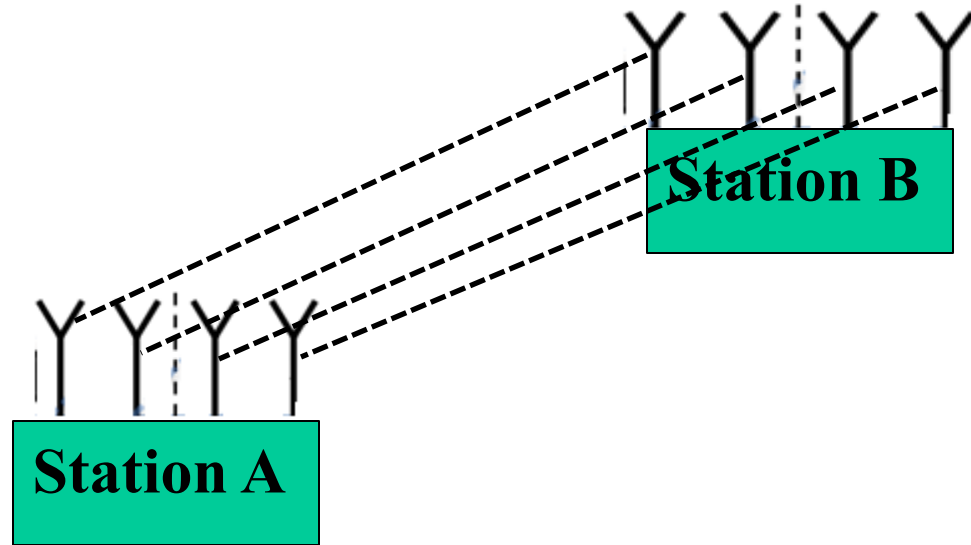
Patented Unified Architecture SoC



10G Over Wireless

Channel bonding over multiple channels

- 10Gbps bonding wireless link
- Bundle of several off the shelf lower speed wireless links
- Minor adaptation of EFM Bonding standard
 - Distributed 128B fragments over available links, utilization support for different speed
 - Enable transmission of high speed stream over multiple links eliminating the LAG limitation
- Can be extended to support wireless mesh
- Relevant to : P1 to P9 proposals



Application aware – Layer 7 PGW / SGW

- SGW (Serving Gateway) and PGW (PDN Gateway) supporting multiple eNBs with SDN layer 7 application aware and interaction with NFV
- Interact through Software define network with Layer 7 control software running on Intel Servers, to determine the right connection and the forwarding plane.
- Data monitoring, mirroring, filtering and analyzing
- Carrier Grade NAT/PAT
- Header compression
- Integrated Server to support distributed NFV

Combines Switch, router, PDN/ Serving Gateway and Layer 7 monitoring on single solution

