

Ether.Giga hand-held tester

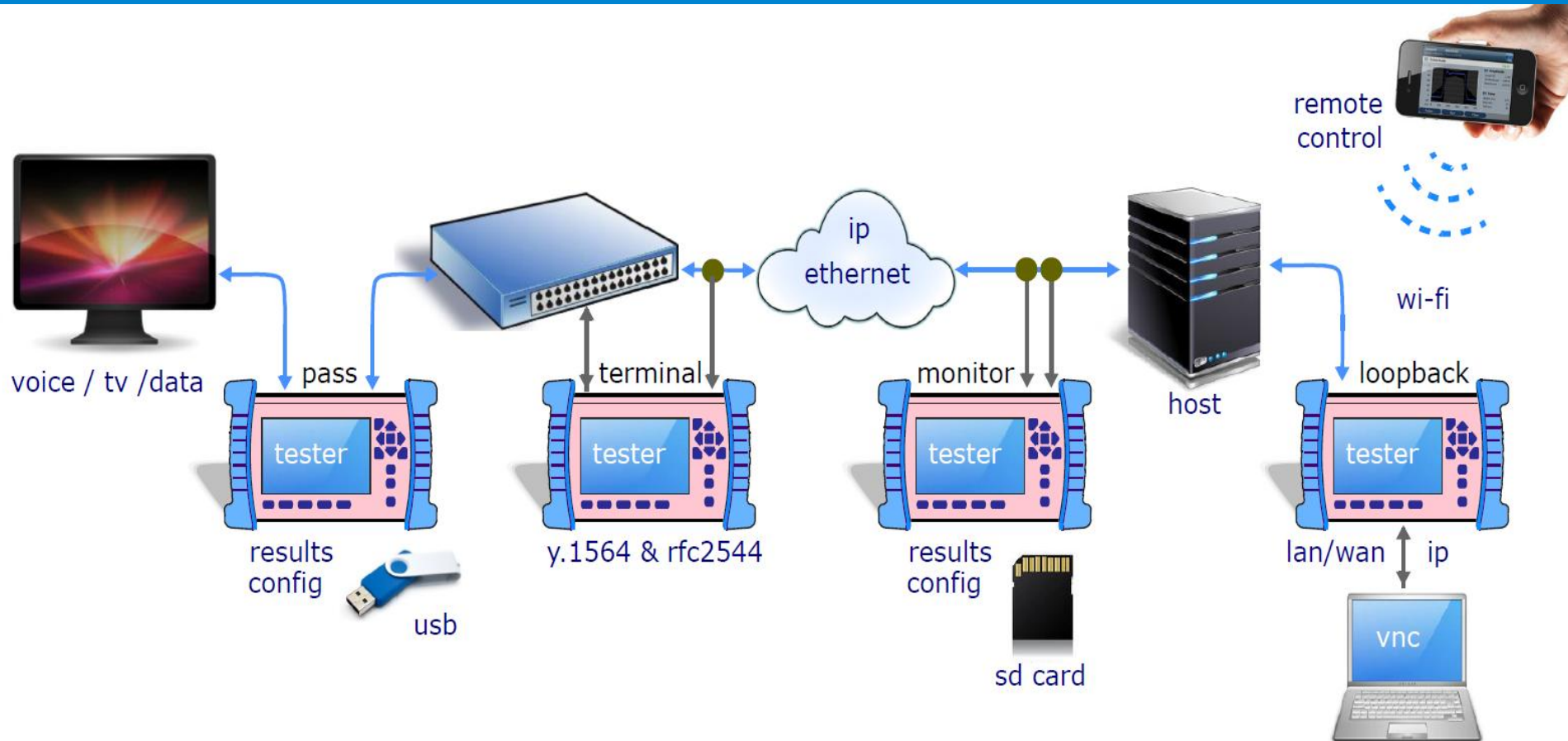


Next-generation Ethernet / IP test



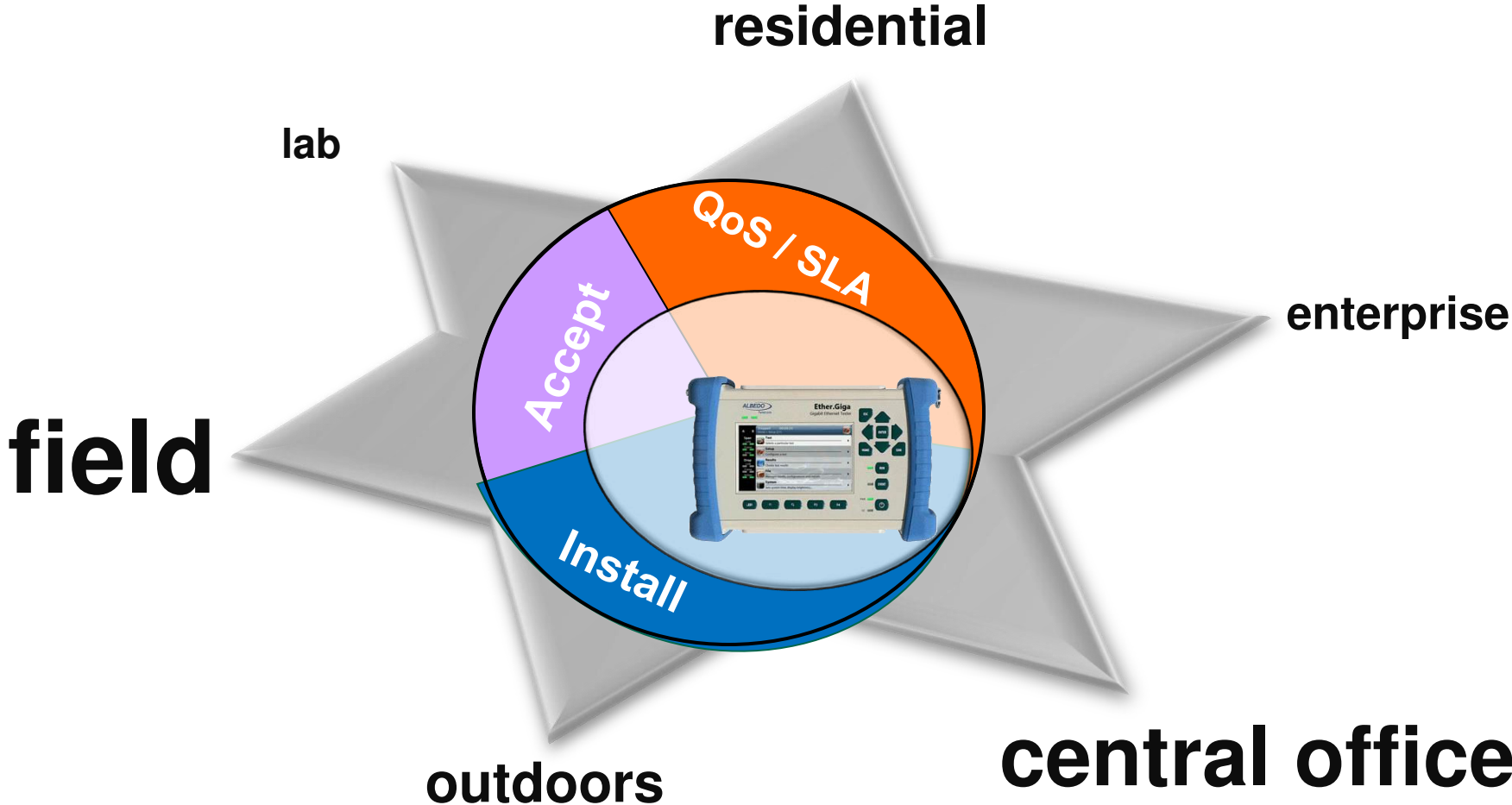
ALBEDO
Telecom
The Path to Excellence

Next Generation Ethernet tester



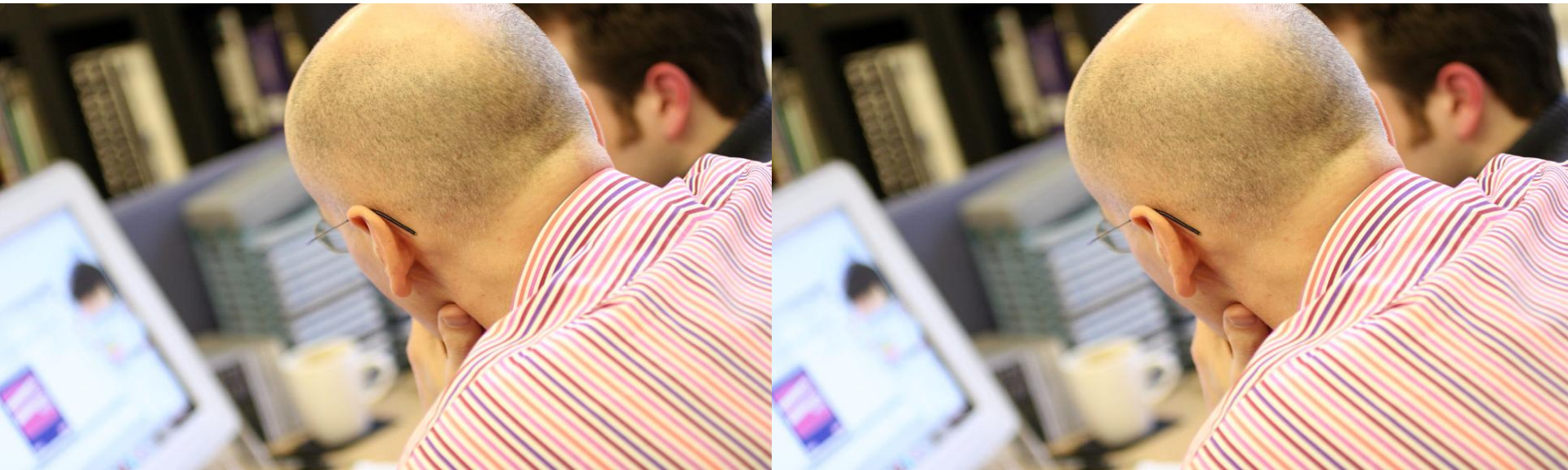
Ether.Giga – Includes all the features you may expect

Heavy duty field Ethernet - IP tester



Niche Professional Markets

- ◆ Installers and Telecom Operators
- ◆ Enterprise business
- ◆ Triple Play service providers
- ◆ R&D, Universities, Labs
- ◆ Commissioning / Maintenance



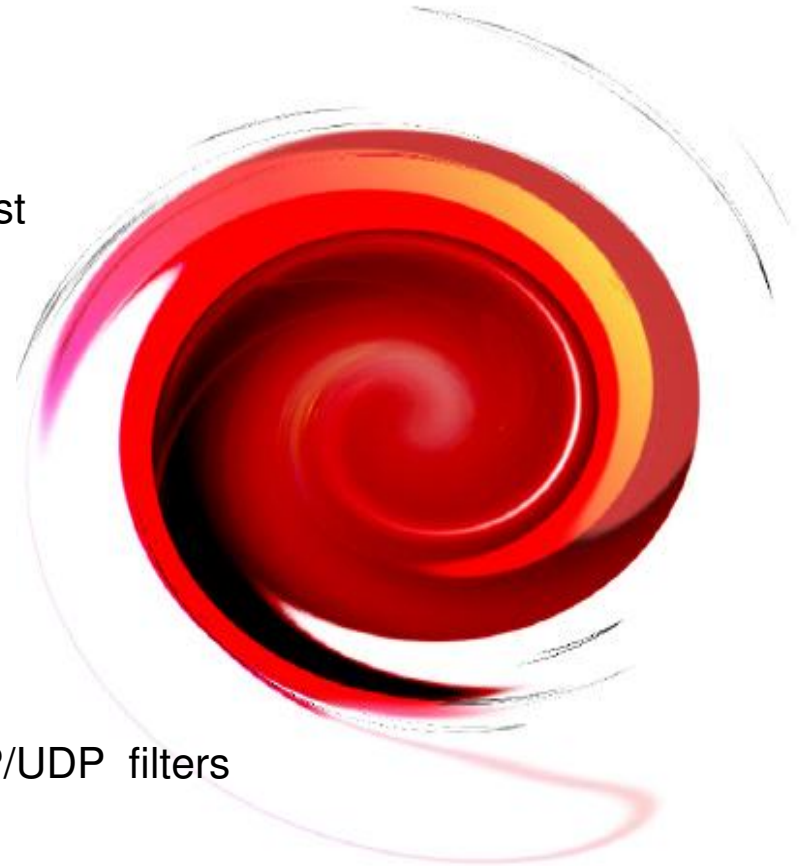
Ether.Giga **Key** Features

- ◆ **Multistreams** for IPTV, VoIP, and Critical Data verification
- ◆ **Y.1564 (e-SAM)** FTD, 2-way FDV, FDV, 2-way FTD, FLR, SES, PEU and PEA
- ◆ **Y.1731 QoS** statistics

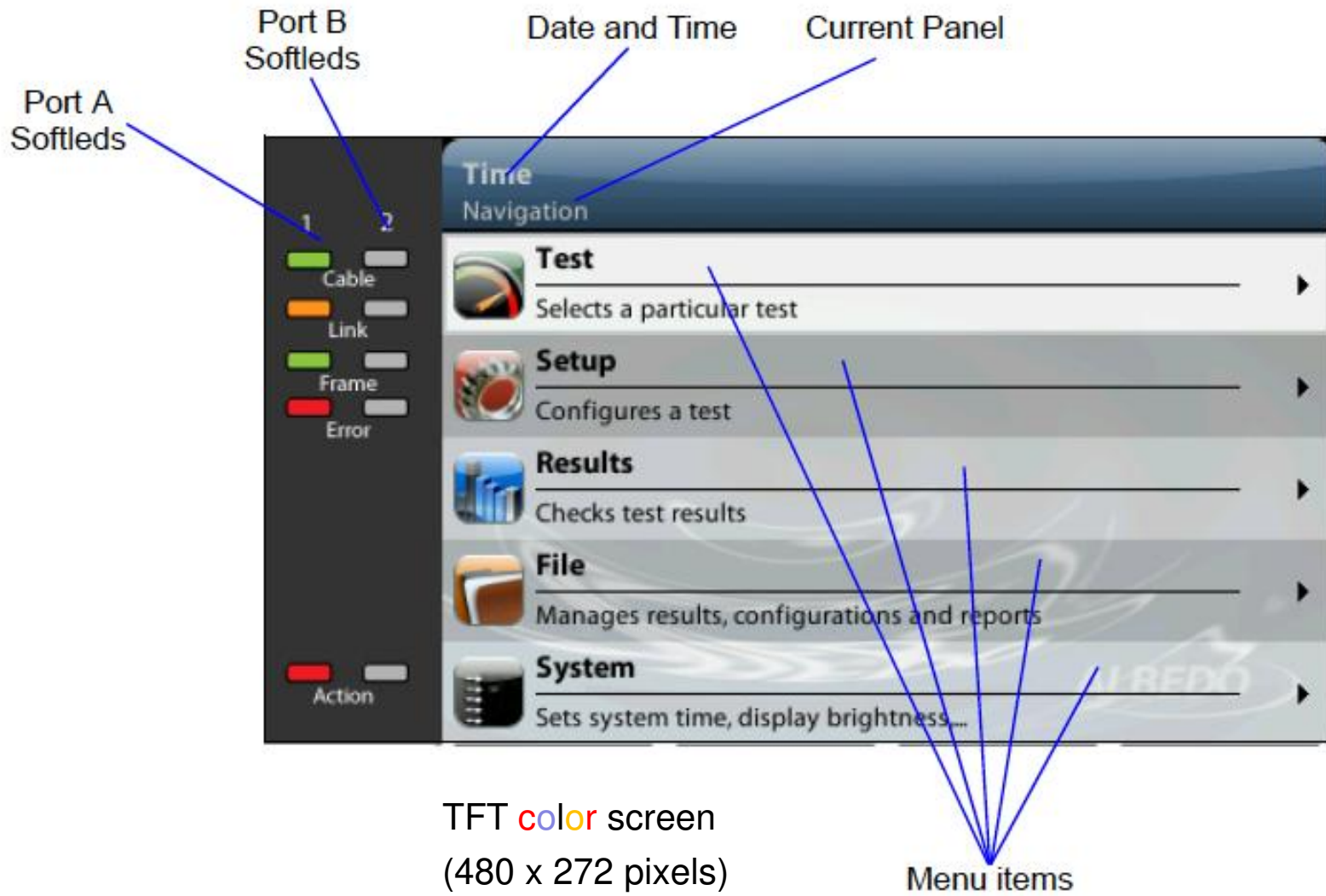
- ◆ Real 2 x SFP + 2 x RJ45 i/faces
- ◆ **Symmetrical & Asymmetrical RFC2544** test
- ◆ **FCS error** insertion in pass mode

- ◆ L1/L2/L3/L4 **loopback**
- ◆ **Q-in-Q** for demarcation tests
- ◆ **MPLS** support

- ◆ **Scan MAC/IP/VLAN/QinQ**
- ◆ Arbitrary [mask + offset]
- ◆ **Advanced Counts:** Up to 8 MAC, IP, TCP/UDP filters



Ether.Giga – Easy GUI for field engineers



TFT color screen
(480 x 272 pixels)

Ether.Giga tops: eSAM & SLA

◆ eSAM

- 8 x non-colour services
- 4 x colour services
- CIR, EIR, Throughput
- FTD, FDV, FLR, availability

◆ SLA (Y.1563)

- Delay
- Delay variation / Jitter
- Frame loss
- Availability



Automatic QoS test

Compliant with latest standards for advanced services such as IPTV, VoIP or VoD:

◆ Traffic Scan and Discovering

- Find selected flows
- Monitor or execute test
- No more difficult set up

◆ Improved RFC 2544

- throughput,
- frame-loss,
- latency,
- back-to-back
- recovery time tests

◆ ITU-T Y.1564

- Service Configuration
- Service Conformance

A stylized logo consisting of the letters 'QoS' in a red, 3D, serif font with a white outline and a drop shadow effect.

The value of Innovation

Spot the differences

- ◆ Real Dual Port
- ◆ Pass / Fail results
- ◆ Long battery power
- ◆ Remote GUI by VNC
- ◆ Save in Memory Card
- ◆ Most modern technology



i-Remote Control



Ether.Giga - Competitors



◆ VEEEX VePAL MX120+

- No Network Exploration
- No SLA (Y.1563)
- No eSAM
- Poor Statistics
- Designed in 2004
- Small screen
- Small Batteries

◆ EXFO (ETS-1000)

- No EXFO (OEM from Russia)
- No Network Exploration
- No SLA (Y.1563)
- No eSAM
- Poor Statistics
- Small character screen
- Poor traffic generation

Why Ether.Giga ?



- ◆ **FIELD OPERATION:** hand-held (4h. with batteries)
- ◆ **LATEST ELECTRONICS:** very fast, powerfull, long operation
- ◆ **LATEST STANDARDS:** Y.1564, Y.1731, VNC, a-RFC2544
- ◆ **MIGRABLE TO SYNC-e:** ready for the new LTE tecnology
- ◆ **ACCURATE REPORTING:** for further analysis

That's all



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