EtherSound card
for Studer consoles

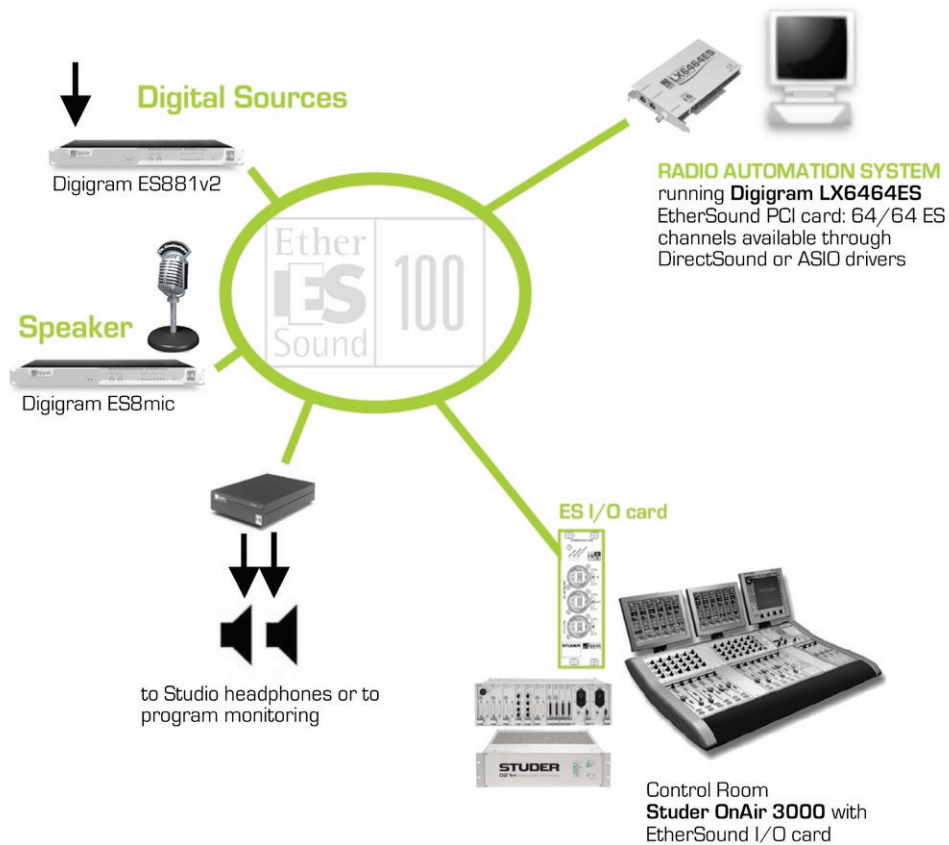### 64/64 audio channels to Studer OnAir 3000 or Vista series consoles

Designed to fit into the Studer D21m I/O system rack for use with the Studer OnAir 3000 console, but also compatible with Studer flagship Vista series and routing systems, the card allows 128 audio channels (64 inputs/64 outputs) to be connected to the D21m via a single Cat5 connection.

ES-100 and Giga technologies allow to design daisy chain or redundant ring topologies, the latter allowing for the network to remain uninterrupted should a cable be broken. One of the advantages of EtherSound in the Broadcast domain is its extremely low latency.

Inputs and outputs can be patched directly from the console control system.

Digital Sources

Digigram ES881v2

Speaker

Digigram ES8mic

Ether **ES** 100 Sound

RADIO AUTOMATION SYSTEM
running **Digigram LX6464ES**
EtherSound PCI card: 64/64 ES
channels available through
DirectSound or ASIO drivers

ES I/O card

to Studio headphones or to
program monitoring

Control Room
Studer OnAir 3000 with
EtherSound I/O card

ETHERSOUND CARD

ES-100   ES-GIGA   ES CLOCK

Ether **ES** Giga Sound 100

ES IN — Rx / Tx
ES OUT — Rx / Tx
ETH CTRL — Rx / Tx

STUDER   **Digigram**

MAIN FEATURES

- ES-100 Audio Transport technology
- ES-Giga System Transport ready
- Daisy chain or star topologies
- Fault tolerant ring topology
- Control of the EtherSound network from any device

Up to 64/64 EtherSound channels

- 24 bits, 44.1 KHz or 48 KHz
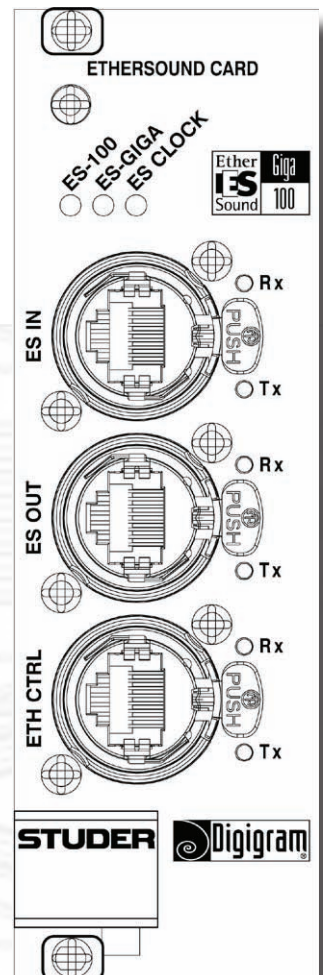- Ready for 88.2 KHz and 96 kHz
  (32/32 channels in this mode)

8/8 GPIO

Command links between the console and any EtherSound
device on the network (e.g. fader start, signaling...)

Clock source: host console

**All devices of the ES network are synchronized on the
console clock:**

- by the console through the network
- or by a global house clock
  (ES-100 fault tolerant ring topology)

Digigram

We hear the im **possible**