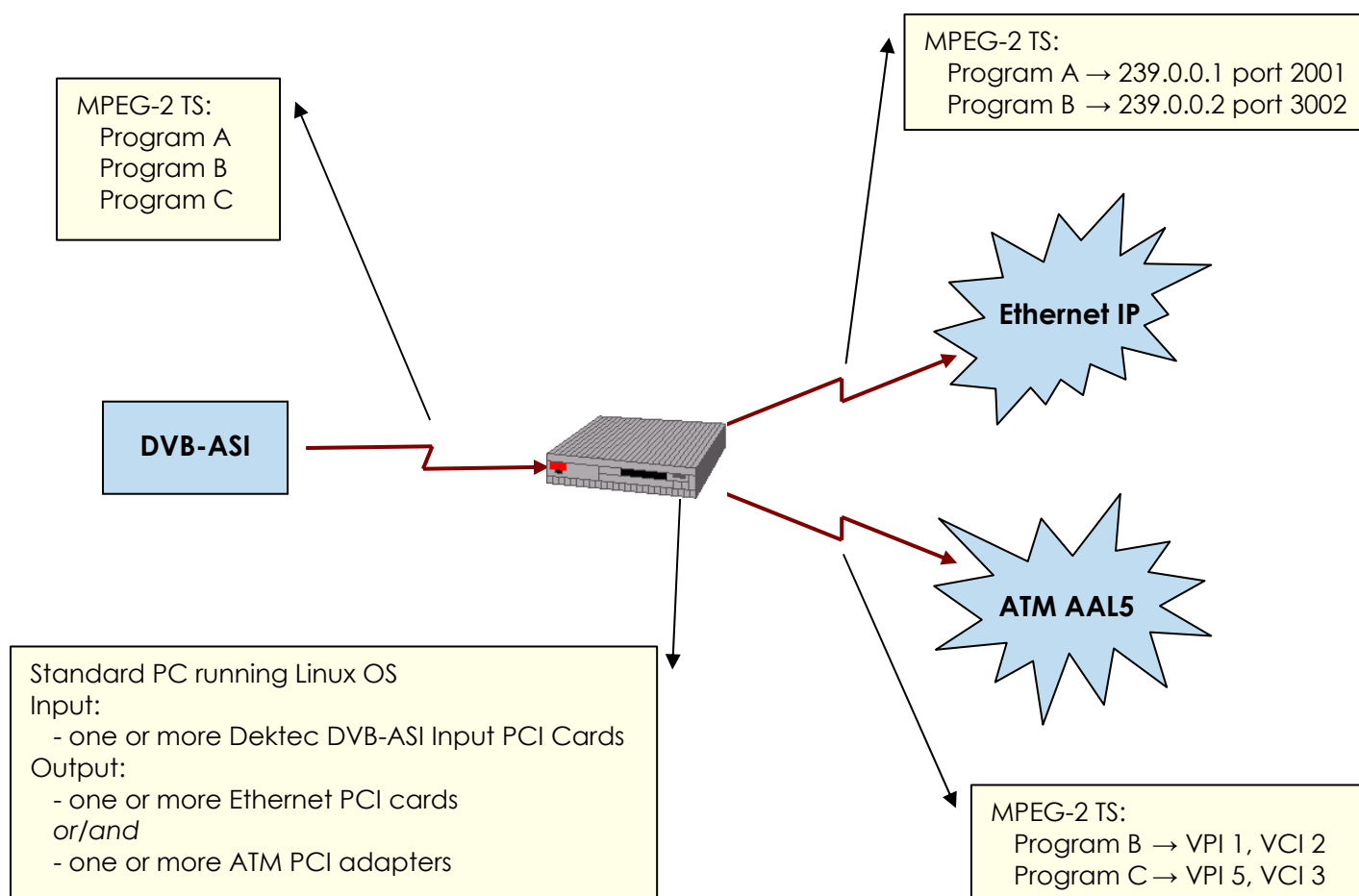# Ondéms Media Gateway

Building heterogeneous Digital TV systems is easy!

Media Gateway is a software product used for transferring MPEG2 Transport Stream packets between a DVB-ASI interface and Ethernet/ATM networks. The software runs on any Linux PC with one or more **Dektec DVB-ASI Input PCI cards** and **Ethernet** or **ATM** output adapters.

Media Gateway is de-multiplexing the MPEG-2 Transport Stream received from the DVB-ASI interface and selects one or more destination addresses for each Transport Packet, based on the PID value. Media Gateway automatically modifies the Program Association Table in order to maintain the correct list of channels broadcasted on each destination address.

MPEG-2 TS:
    Program A
    Program B
    Program C

MPEG-2 TS:
    Program A → 239.0.0.1 port 2001
    Program B → 239.0.0.2 port 3002

Ethernet IP

DVB-ASI

ATM AAL5

Standard PC running Linux OS
Input:
    - one or more Dektec DVB-ASI Input PCI Cards
Output:
    - one or more Ethernet PCI cards
    or/and
    - one or more ATM PCI adapters

MPEG-2 TS:
    Program B → VPI 1, VCI 2
    Program C → VPI 5, VCI 3

This product is distributed as DTX-440 by
DekTec Digital Video B.V.
Van Riebeeckweg 43A • 1212EH Hilversum • The Netherlands

www.dektec.com

Ondéms
streaming into your world....