

## Group companies

Kudelski Group  
Annual report 2004

### Digital TV

#### **NAGRAVISION**

##### **Nagravision**

Integrated security software solutions for digital television operators and content providers.

#### **LIVEWIRE**

##### **Livewire**

Development of software solutions for digital decoders.



#### **MEDIAGUARD**

##### **Nagra France**

MediaGuard integrated conditional access solution.



##### **Nagra Plus**

Security systems for analog pay television. Equally owned with Canal+ (F).

#### **Nagrad**

##### **NagraCard**

Security technology using smart cards for digital television and other applications such as physical access.



##### **MediaCrypt**

Fundamental encryption technology based on Ascom's IDEA™ algorithm. Equally owned with Ascom (CH).



##### **NagraID**

Development and production of modules and smart cards for contact and contactless identification systems.



##### **Leman Consulting**

Patent and intellectual property management



##### **NagraStar**

Conditional access and smart cards used by EchoStar's DISH Network American satellite television system and companies affiliated to EchoStar. Equally owned with EchoStar (USA).

##### **Nagra Thomson Licensing**

Joint-venture company equally owned with Thomson (F), whose role is to manage the patents portfolio and patent applications for MediaGuard pending as of 31.12.2003.

### Nagra Public Access

**SKIDATA**  
access unlimited

#### SkiData

Integrated access and management solutions for car parks, ski-lifts as well as sports, culture, entertainment and exhibition facilities.

### Nagra Audio

**NAGRA**

#### Nagra Audio

Portable digital recorders for professionals; products in the high-end hi-fi sector.

**TICKETCORNER** 

#### Ticketcorner

One of the principal ticketing organizations in Europe.

**SportAccess**   
Kudelski Group

#### SportAccess

Open-ended rights and services management solutions for hospitals, universities and corporations.

**ACCESSARENA**

#### AccessArena

Destination management solutions enabling visitors to a tourist region to access different services using just one smart card.

**TOURISTDATA SHOP** 

#### Tourist Data Shop

Platform for the reservation and purchase of online products and services in tourism.