



IST-2000-28703:  
**Share it!**

DELIVERABLE #0

PUBLIC PROJECT  
DESCRIPTION

Security level: **PUBLIC**

|                         |   |                |
|-------------------------|---|----------------|
| <b>Project Number</b>   | : | IST-2000-28703 |
| <b>Project Title</b>    | : | Share it!      |
| <b>Deliverable Type</b> | : | Public         |

|                                     |   |                              |
|-------------------------------------|---|------------------------------|
| <b>CEC Deliverable Number</b>       | : | 28703/phi/prl/ds/p/001/b1    |
| <b>Internal Project Number</b>      | : | Share it!                    |
| <b>Contractual Deliverable Date</b> | : | 31 December 2001             |
| <b>Actual Date of Deliverable</b>   | : | January 2002                 |
| <b>Title of Deliverable</b>         | : | Public Project Description   |
| <b>Contributing Workpackages</b>    | : | wp6                          |
| <b>Nature of Deliverable</b>        | : | report                       |
| <b>Author(s)</b>                    | : | John Morris, Ciska van Kleef |

**Abstract:**

This public report describes the Share it! Project.

**Keyword List:**

TV-Anytime, TV, DVB, MHP, Storage

# 28703 Share it!

## Content sharing in home-to-home networks

Technical : TV-Anytime, Settop box, Personalised TV

### **Project Abstract :**

#### **Objectives:**

The main objective of Share it! is to develop an end-to-end system that enables easy access to, and transfer of, personal content between local storage devices using home-to-home networks and that enables innovative services through a seamless combination of on-line, broadcast, and stored content.

Another important objective is the contribution and adherence to standards. This enables true interoperability across different content providers, service providers, and equipment manufacturers.

#### **Description of work:**

In the first half year of the project, technology and user requirements will be studied. Based on these requirements an end-to-end system architecture will be developed. For interoperability reasons public interfaces need to be standardized. Existing standards will be used where appropriate and new ones will be defined and standardized in the relevant standardization bodies, such as the TV-Anytime Forum and DVB.

Subsequently, an interoperable storage system that enables easy access to content and applications in home-to-home networks will be developed. In parallel several application and service concepts based on the integration of broadband to and from the home network with mass local storage will be tested for feasibility. Some applications and services will be selected for actual implementation in the Share it! system.

The end result of the project will be demonstrated at some major exhibition or tradeshow.

#### **Expected results:**

|    | <b>Expected result</b>   | <b>Month</b> |
|----|--|--------------|
| M1 | System and user requirements defined   | 06           |
| M2 | Description of box architecture  | 09           |
| M3 | Mock-up applications implemented   | 12           |
| M4 | Definition of actual demonstrator end-to-end system                                | 15           |
| M5 | Demonstration of Share it! boxes and applications that illustrate interoperability | 24           |
| M6 | Applications/services evaluated  | 27           |

#### **Contact Point:**

