



Cross-Border Information Technology

Shared-cost RTD and Demonstration Project

Final Report for Publication

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Contract number: **GRD2-2001-50064**
Project full title: **Cross-Border Information Technology**
Project acronym: **CroBIT**
Duration: **24 Months**

Project Co-ordinator: Fraunhofer Society for Applied Research in Natural Sciences (FhG) by its Institute of Information and Data Processing (IITB)

Contractors:

IITB	Institute of Information and Data Processing of Fraunhofer Society
EK	Ekonsult
ICF	Intercontainer/Interfrigo
NESTE(AR)	Nouveaux Espaces de Transport en Europe (Application Recherche)
UIC	Union Internationale des Chemins de Fer
SGKV	STUDIENGESELLSCHAFT FÜR DEN KOMBINIERTEN VERKEHR e.V.
ST	star/trac supply chain solutions GmbH
DBS	Deutsche Bahn Systems
TØI	Institute of Transport Economics
VR	Finnish Rail
VTT	Technical Research Centre of Finland
CP	Caminhos de Ferro Portugueses EP



**COMPETITIVE AND SUSTAINABLE GROWTH
(GROWTH) PROGRAMME**

REPORT SUMMARY FICHE

SUMMARY

This report contains two documents, one describing the project as a whole and the other giving its main characteristic features.

The documents are placed at CEC's disposal for distribution to interested parties.

AUTHORS

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Content

- 1 PROJECT DESCRIPTION..... 4
- 2 PRODUCT FLYER 5
- 3 ANNEXES..... 6
 - 3.1 Annex 1: Project Description6
 - 3.2 Annex 2: Product Flyer7

1 Project Description

As one of several public project descriptions (see D9), a paper was submitted to an international conference on IT usage in transport, held in Hannover in June 2005.

This paper summarises the approach and the major results of CroBIT, why it is well suited for public distribution. The paper was accepted and its following summary provides an overview on its content:

“In 2003 DG TREN of CEC has started the project CroBIT to develop and test interoperable IT-solutions for the enhancement for cross border rail freight transport. The project has concluded its technical development and laboratory tests and is actually carrying out first applications at a corridor between Portugal and Spain.

For the technical development existing TAF-TSI concepts were considered. The data exchange in CroBIT is based on consignment note data and event messages provided by RUs and IMs. Three system levels for central repositories, communication and operational databases are foreseen. CroBIT provides a wide range of data parameters required by TAF. A comparison with other systems in the field is made. For the impending realisation of TAF-TSI the application of modern implementation models is stressed including prototyping by using existing systems.”

The full paper is added as annex 1.



2 Product Flyer

As information to be distributed by the CroBIT Economic Interest Grouping when getting into contact with interested and possible users of CroBIT, a flyer was produced as a short overview on the characteristic features of CroBIT, see annex 2.

3 Annexes

3.1 Annex 1: Project Description



Publication

Contribution to ITS in Europe, Hannover, Germany, Proc., June 2005

3.2 Annex 2: Product Flyer



Product Flyer

Basic Information to possible users