

Proven
Software.
New Possibilities.

CloudsMovement – Existing Code. Modern Web.

CloudsMovement • The Bridge to the Web



Bridging
without Limits.

dsource
solution gmbh

Existing Applications & Source Code



COBOL

Business & administrative applications



Xbase

Xbase++, dBASE, FoxPro, Harbour, Clipper



Pascal

Pascal / Delphi business logic



Python

Existing & new functions

Reuse existing source code.

Valuable software. Never lost.

Proven
business logic
for the nodes

Source code
and programs
remain available
and can continue
to be used.



CloudsMovement Control Plane



Central
user login



User & permission
management



Session & job
management



Parameters &
data



Program &
function calls

Orchestrates requests, manages sessions and dispatches jobs.

2 Job dispatch •
Parameters & data

5 Processing
result



CloudsMovement Nodes / Compute Plane

Node A – Xbase



Parallel processing
Local data at the user's site

Node B – COBOL



Parallel processing
Local data at the user's site

Node C – Python



Parallel processing
Local data at the user's site

Node D – Pascal



Parallel processing
Local data at the user's site

PC • Notebook • other nodes

Business logic runs on the node – including locally.

Applications and data can stay local.

CloudsMovement GUI / Web Application

USER / Browser

Desktop • Notebook • Tablet

Welcome to your application

Dashboard

Department

Search

Master data

Evaluations

Documents

Settings

Customer data

Search customers, orders, ...

Status: All

Customer	Number	Location	Status
Müller GmbH	10001	Berlin	Active
Meier KG	10002	Hamburg	Active
Schulz AG	10003	Munich	In progress
Becker OHG	10004	Cologne	Active
Wagner GmbH	10005	Frankfurt	Inactive

Run business function

Statistics

Documents

- Offer.pdf
- Invoice.pdf
- Protocol.txt
- Data export.csv

Result

Job completed successfully.
123 datasets processed.
Runtime: 2.3 seconds.

Also on the notebook

Also on the tablet

Modern web GUI – existing business logic.
Trusted applications. Modernly used.

The workflow at a glance:



Existing Code

Reuse proven applications
and business logic



CloudsMovement

Connects existing software
with modern web applications



Local Processing

Applications and data
can stay local



Modern GUI

Browser-based interfaces
for existing applications



Multi-Language

COBOL • Xbase • Pascal • Python •
other languages

LOCAL STRENGTH.
NEW PERSPECTIVES.

Existing software does not have to be rewritten.

People
Create New
Opportunities.

PEOPLE
APPLICATIONS
POSSIBILITIES

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A software product of dsource solution gmbh