



# Data Messaging Server™

## The Core of Mission-Critical Data Messaging

Reliable, secure data messaging solutions help run mission-critical field operations more smoothly, utilize resources and information sources better, save costs, and reengineer processes for maximum efficiency. Portalify brings mission-critical data messaging to TETRA and other professional radio networks.

### Integration, Access, and Intelligence

Portalify Data Messaging Server™ (DMS) is the leading TETRA data messaging solution on the market. It integrates TETRA users with back-end and legacy systems, providing fast and convenient access to key internal and external data sources. DMS provides flexible, intelligent message handling functions that ensure information gets to the right people in the right format at the right time.

### Standards-Based Architecture and Open Interfaces

DMS is built on a standards-based Unix architecture. It has open HTTP and XML interfaces that let other applications tap into the power of data messaging.

### Proven in Action

DMS has been proven in action by demanding public and private sector users for several years. It was the first third-party data messaging solution used in VIRVE, the first and largest nationwide TETRA network in the world. It was the only TETRA data messaging solution used in securing the IAAF 2005 Athletics World Championships. It is being used daily by thousands of policemen, customs officials, and border guards. It simply works.

### Data Messaging Server™ Benefits

The Portalify Data Messaging Server™ connects field users with enterprise resources. This provides a host of benefits for the users:

**Efficiency** – real time information access to enterprise resources allow more operations with current staff.

**Savings** – streamlined operations eliminate double work.

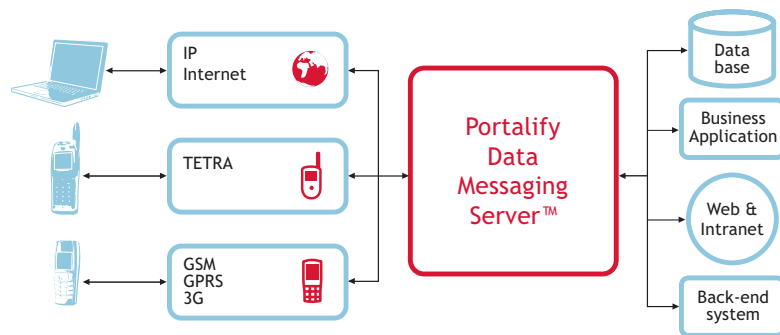
**Fast Deployment** – ready made connectors to databases, networks, directories.

**Scalability** – robust architecture that scales up to national networks.

# The Core of Mission-Critical Data Messaging

## Data Messaging Server™

- Picture and image messaging
- Supports TETRA, GSM, GPRS, 3G, and any IP network
- Integrates with any data source and legacy system
- Powerful tools for rapid service development
- Carrier-grade messaging core scales up to national networks
- Complete audit trail on messaging



## Multi-Network Connectivity

### TETRA Networks

- EADS TETRA TCS interface
- Motorola Dimetra TETRA SDR interface
- TETRA modem (AT) interface
- TETRA Peripheral Equipment Interface (PEI)

### GSM Networks

- CIMD2 (GSM SMS protocol)
- CGW (GSM SMS protocol)
- UCP/EMI SMSC (GSM SMS protocol)
- SMPP (GSM SMS protocol)
- GSM modem (AT) interface

### Telephony Networks

- Fax interface

### IP, GPRS, 3G Networks

- HTTP(S) messaging interface
  - Supports HTTP proxy connections and SSL
- Secure Shell (SSH)
- Telnet / VT100
- IBM 3270
- FTP
- LDAP
- SNMP
- Other and proprietary message interfaces (optional)

## Available for All User Groups

- Field users
- Vehicle PC
- Office PC
- External applications

## Messaging Core

- Browser-based and mobile management
- Powerful tools for service development, testing and issue resolution
- Carrier-grade message processing system with advanced load balancing
- Aggressively caching internal communications protocol
  - Typical data message transaction does not generate SQL database accesses

## Data Source Support

- Web and intranet systems
- Databases
- Legacy systems
- Forms and documents
- Business applications
- Email
- Calendar
- Address books
- Other and proprietary data sources (optional)

## Database Support

- Generic SQL database interface
- PostgreSQL
- Microsoft SQL
- Oracle
- IBM DB2
- MySQL
- ODBC
- JDBC
- Native database protocols

## Messaging Support

- TETRA SDS text messages
- TETRA status messages
- TETRA binary messages
- GSM SMS text messages
- GSM binary messages
- WAP on TETRA, GSM, GPRS, 3G
- WAP Push
- Picture messaging on all networks
- XHTML for PDA and web service users
- Mobile email
  - IMAP, POP, SMTP
- HTML
- SOAP XML RPC
- Location information
  - LIP, NMEA



**Portalify Oy**      www.portalify.com  
 Melkonkatu 16 A      tetra@portalify.com  
 00210 Helsinki      Tel +358 9 6227 9668  
 Finland      Fax +358 9 67 99 47

Portalify is a Finland-based software company focused on wireless data services for public safety users. Portalify solutions for TETRA networks enable services such as instant individual and group text messaging, as well as fast mobile access to key databases regardless of user location. Multi-channel technology complements TETRA communications with other mobile networks where necessary, thus ensuring that the information is always delivered. Portalify solutions power numerous key applications used daily by police officers and other officials in the field. Portalify customers include public sector organizations such as safety, fire and rescue services, as well as major telecom operators and content providers. Based in Helsinki, Finland, Portalify is an independent, growing company rated AAA by Dun & Bradstreet. Copyright 2000-2006. Patents pending

© Copyright 2000 – 2006 Portalify Ltd. All rights reserved. Portalify®, Data Messaging Server™, DMS™, and TETRA IM™ are registered trademarks or trademarks of Portalify Ltd. Patents pending.