

Data Messaging Server™



Bringing Mission-Critical Data Messaging to TETRA

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.

Empowering Your Field Operations

Adding data messaging to your field communications empowers field operatives to work better, smarter, safer, and more efficiently. By ensuring data availability, seamless communication, and access to all required enterprise resources, data messaging is a critical factor in molding the field operations of tomorrow.

Increased Efficiency and Cost Savings – And Job Satisfaction

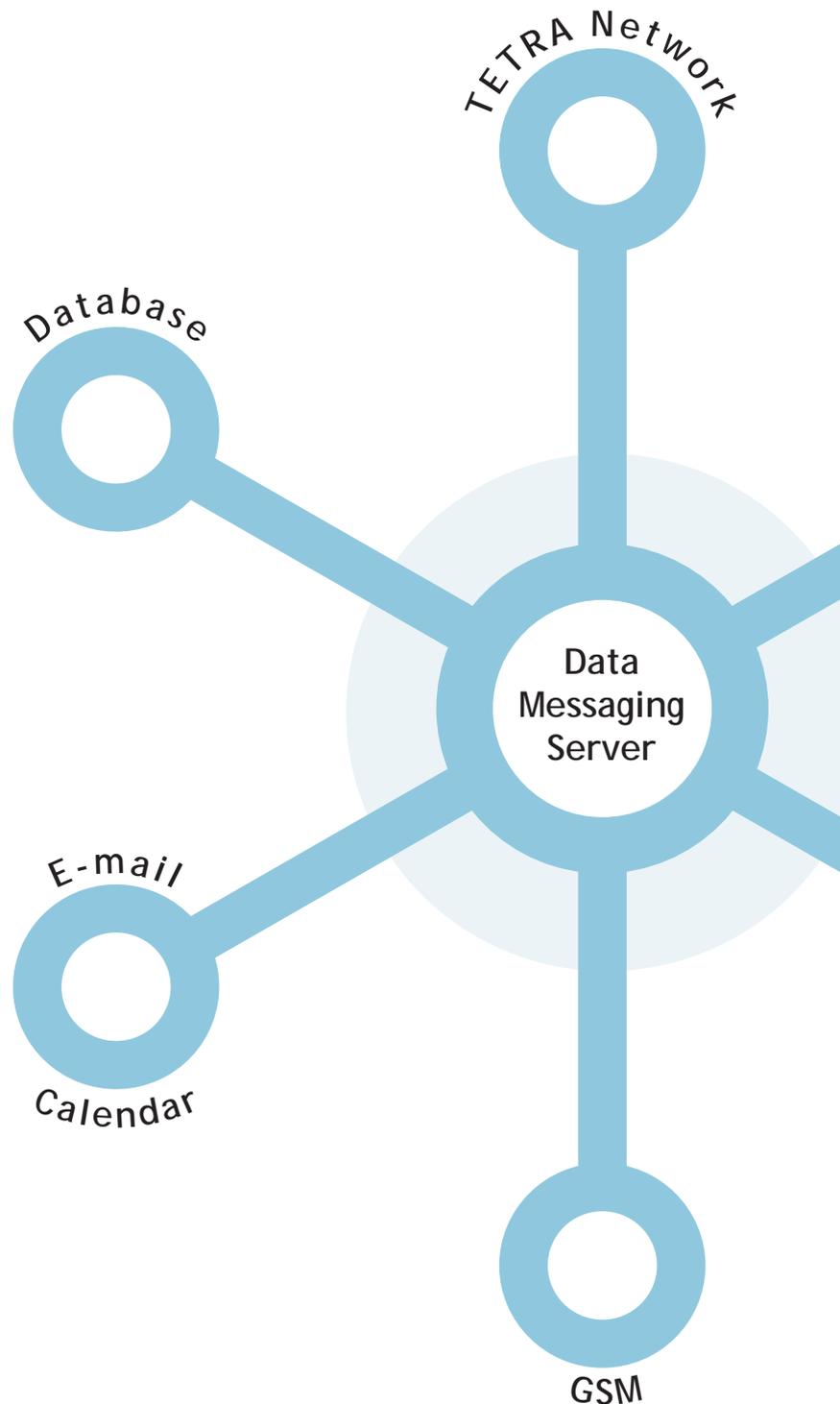
The bottom line with DMS is increased operational efficiency, better resource utilization, improved field performance and cost savings. While these benefits appeal to the budget-minded, efficient data communications also appeal to the field operations managers and field crews. DMS makes their jobs easier and more meaningful and lets them concentrate on what they are out to do instead of wrestling with communications issues.

Deploy Services in Days, Not Months

Data Messaging Server's powerful development tools let you design, implement and deploy new services in hours or days instead of weeks or months.

Integration, Access, and Intelligence

Portalify Data Messaging Server™ (DMS) is the leading TETRA data messaging solution on the market. It helps integrate TETRA users with back-end and legacy systems, provides fast and convenient access to key internal and external data sources, and provides flexible, intelligent message handling



Bringing Mission-Critical Data Messaging to



functions that ensure information gets to the right people in the right format at the right time.

Multi-Everything for Maximum Flexibility

Different users have different needs, devices, and roles. DMS helps you create solutions that support all available device types, usage contexts, and user roles – to ensure maximum flexibility and usability. And while TETRA is great for supporting mission-critical field operations, it is not the only game in town. In addition to TETRA, DMS supports GSM/GRPS, 3G, and any other IP network, be it wired or wireless.

Build It Easy and They Will Use It

One of the key design criteria of DMS has been the ability to provide an appropriate, easy-to-use user interface to all users, depending on their usage needs, context, and role. This lets you provision meaningful data messaging services to all users regardless of the type of device or connection they are using.

Purposeful Security

One of the key requirements in mission-critical operations is data security. DMS helps improve data security even further by providing flexible, fine-grained user authentication and authorization, powerful log and audit features, and available end-to-end en-

ryption for the most critical services.

Powerful Tools End-to-End

DMS provides a full-fledged set of tools for application integration, network connectivity, user administration, and application development. The built-in DMScript scripting environment shortens development time dramatically, allowing you to deploy new services in hours or days, instead of weeks or months.

Applications Ready to Be Deployed

Portalify has developed a rich portfolio of off-the-shelf applications that are ready to be deployed. These applications include e.g. database and legacy access, picture messaging, field portal, and workflow and forms management. We also offer TETRA IM™, the first TETRA instant messaging solution.

Proven by Demanding Customers

“Data Messaging Server has been a key piece of our TETRA communications architecture since 2003. Thousands of our users rely on it on a daily basis.”

– Pekka Nurhonen,
Team Leader, Finnish Police IT
Management Authority

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.

Internet

Intranet

TETRA



Standards-Based Architecture and Open Interfaces

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

Flexible, Scalable, and Robust Design

DMS features a carrier-grade architecture that provides the flexible deployment options, virtually unlimited scalability and the high grade of fault-tolerance required in mission-critical operations.

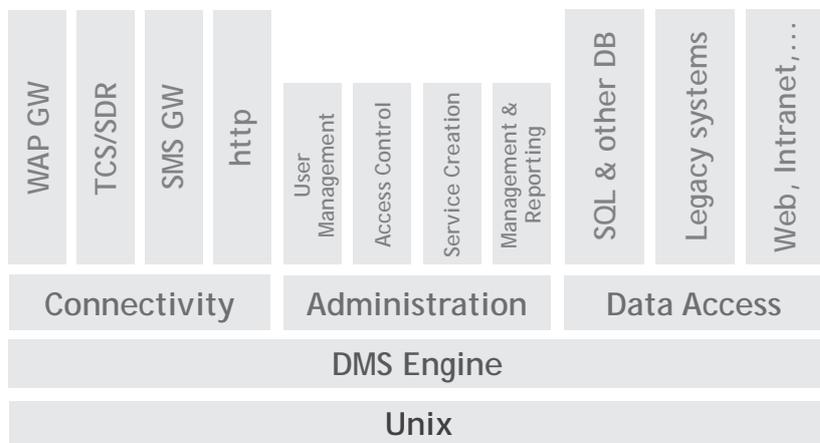
Effortless Database Connectivity

DMS provides tools for connecting to, querying, and updating most common databases, including Oracle, SQL Server, Postgres, generic SQL, ODBC and JDBC. The SOAP and XML interfaces allow connections to other data sources, as well.

Easy Legacy Integration

DMS allows mobile users connect to your legacy applications, including IBM3270 applications, VT100 applications, and others. The two-way connectivity extends your legacy applications into the field and ensures information availability.

DMS Architecture



Browser-Based and Mobile Management

User and system management is browser-based, allowing efficient remote management. The system even allows management from TETRA handsets with SDS messages providing the utmost in flexibility.

Powerful Scripting

DMS features powerful DMScript™ scripting language that gives user organizations the power to modify existing services and create their own new services – making creating new DMS applications fast, flexible, and cost-efficient. The scripting environment has built-in prototyping

tools to facilitate iterative development and continuous testing.

A Suite of Applications

Portalify offers a suite of ready-made applications to accelerate service deployment. These applications include:

- Database Queries
- Picture Messaging
- Field Portal
- Workflow & Forms Engine
- Remote Monitoring



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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.

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