

BRIGID

BRIGID Fire communication system Software Brochure

The most versatile Pocket PC and vehicle based Mobile data solution for fire officers and appliances



BRIGID

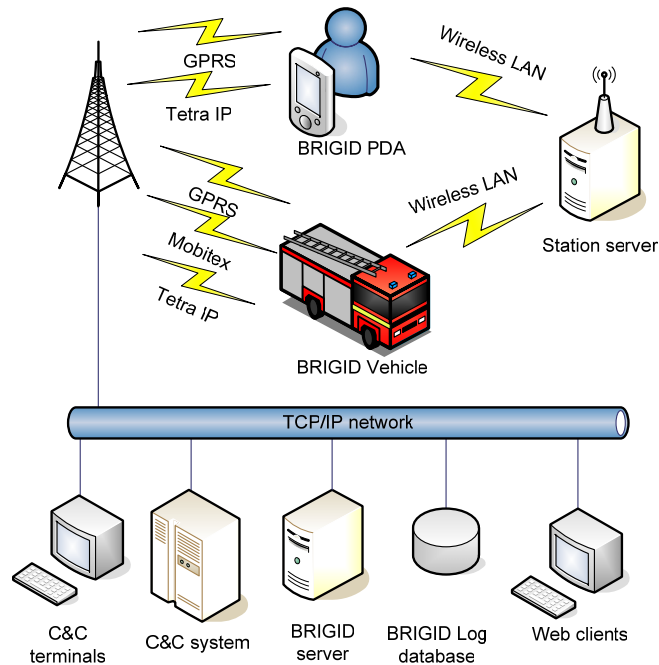
The **BRIGID** fire communication system is a powerful partnership of server and clients which brings a new range of versatile communication with individual officers and appliances.

The integrated BRIGID system provides comprehensive mobile data communications to vehicles and officers. BRIGID comes in three parts:

BRIGID Server is the heart of the system. It communicates in standard GD92 protocol messages with all leading C&C systems, and communicates reliably with mobile clients over any available carrier.

BRIGID Vehicle is designed for permanent vehicle mounting systems. It offers large-screen, touch operated functionality.

BRIGID PDA client software running on an inexpensive phone-enabled PDA brings the functionality of a full mobile data terminal into an individual officer's pocket.



The BRIGID system links C&C, Officers vehicles and stations

System features

BRIGID PDA Client

The PDA client is a highly capable two-way communications platform offering many services:

GD92 Compliant messaging

BRIGID uses industry-standard GD92 format for all messages, giving it the widest range of system compatibility of any mobile client.

- Mobilisation
- Text Messaging, both to control and between users
- Stop
- Informative
- Make Up
- Resource Status

Auto network selection

When in range of a station's wireless LAN, BRIGID clients will automatically use it for

message transfer and auto-updating.

Location based services

When used with a GPS device, either built in or via Bluetooth link, BRIGID offers real-time positional information on each client.

- Automatic Person Location
- Seamless integration with optional TomTom software for automatic voice and graphical navigation to incident
- Sophisticated mapping including risk and hydrant location overlays

All location based services are fully configurable on a per status basis.

Integrated telephony support

Use of a phone-enabled PDA allows voice communication as well as data messaging

Data searches

BRIGID supports searching and viewing a wide

variety of information stored locally on the PDA or delivered over the network. Typical applications include:

- Risk information
- Street gazetteer
- Brigade orders
- Corporate phonebook

Configurable messaging

BRIGID's messages can be configured to suit the requirements of individual brigades. Typical configurable elements are:

- Status lists
- Make up lists
- Informative lists
- Users lists
- Stop lists

Automatic safety monitoring

C&C is automatically notified if the client's batteries run low.

BRIGID Vehicle

Offers all the features of the PDA client except voice navigation, and makes extensive use of touch-screen technology for ease of use in a moving vehicle.

High resolution mapping

BRIGID vehicle also offers extra facilities:

- Raster maps
- Site plans
- Chemical data

BRIGID Server

BRIGID server communicates with all popular command and control systems using Home Office standard GD92 protocols. The server contains message transfer Agents for LAN, Mobitex, Tetra and packet data networks.

Server interfaces

The server offers XML Web Service and XML TCP/IP interfaces for future expandability and interoperation with custom clients.

Message Logging

All messages passing through the BRIGID system are logged in a database for future recovery.

BRIGID web clients

BRIGID Web clients offer sophisticated configuration and reporting functionality through a HTTP interface accessible from any authorised web browser.

Server management client

Convenient, user friendly server configuration.

Report generator

Generate customisable reports from the BRIGID message logs.



BRIGID PDA awaits a call



Selecting a message type to send to control

Key features and benefits

BRIGID is an advanced data communication system featuring:

- **GD92 messaging** for standards compatibility
- **Portability** for high-availability communications
- **GPS integration** for automatic voice navigation to incidents and personnel safety
- **Remote data access** allows officers to quickly retrieve crucial risk and local information
- **Logging** of all messages

BRIGID system requirements

BRIGID Server

Minimum hardware specification:

- Windows 2000 server or above
- Internet connection

Recommended specification:

- Windows Server 2003
- Microsoft SQL Server 2005
- Leased line APN connection to GPRS supplier

BRIGID Web clients

Web clients require Microsoft Internet Explorer and an internet connection.

BRIGID PDA

- Mobile phone enabled PDA
- Screen resolution at least 240x320 pixels
- Microsoft Pocket PC 2003 or later operating system
- GPRS, 3G or Tetra IP data connection

If location services are required:

- TomTom software
- GPS receiver

BRIGID Vehicle

- Microsoft Windows XP
- Touch screen

If location services are required:

- GPS equipment



Because great things grow from seeds

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Custom developments

Although BRIGID's functionality is sufficient for most fire brigades, customisation for specific customer tasks is sometimes required. At SEED software we're always happy to consider requests for bespoke development or product enhancements. Just contact us to discuss your requirements.

SEED Software

SEED Software is the software development arm of the Department of Computer Science at the University of Hull. SEED brings together professional software developers, academics and graduates to produce high quality software you can trust.