



3tc Software
Command. Control. Inform.



MODAS Professional



Mission Critical Software

Delivering software solutions which, through our customers, make a **positive difference** to people's lives.

MODAS Professional – a high performance mobile data system optimised to deliver operational efficiency through the use of robust real time communications and access to risk critical information. Increases situational awareness en route to incidents and at the incident ground. MODAS Professional integrates business-critical operations within FRS environments in order to streamline attendance times and enhance the safety of fire crews attending the incident.

Greater efficiency

- Faster response time to incidents
- High reliability
- Location based information to facilitate allocation of resources
- Real time notification of exceptions
- Match technology to roles for best effect such as Smartphone or MDT deployment

Enhanced Safety

- Crews interact directly with the CAD or other resources in their moments of decisions
- Real time location of resources
- Access to risk critical info either aggregated info for a site or individual items (SOP's)
- Emergency button

Easy to use

- Intuitively simple and convenient to use
- Requires minimal training by utilising modern usability requirements
- Touch screen interface designed specifically for operational crews

Lower cost of ownership

- Change management is centrally administered allowing changes to be distributed rapidly and safely
- Save money and increase resource utilisation by automating the collation, management & distribution of all relevant FRS info datasets to the mobile data terminals in a secure and auditable way

Risk Critical Information

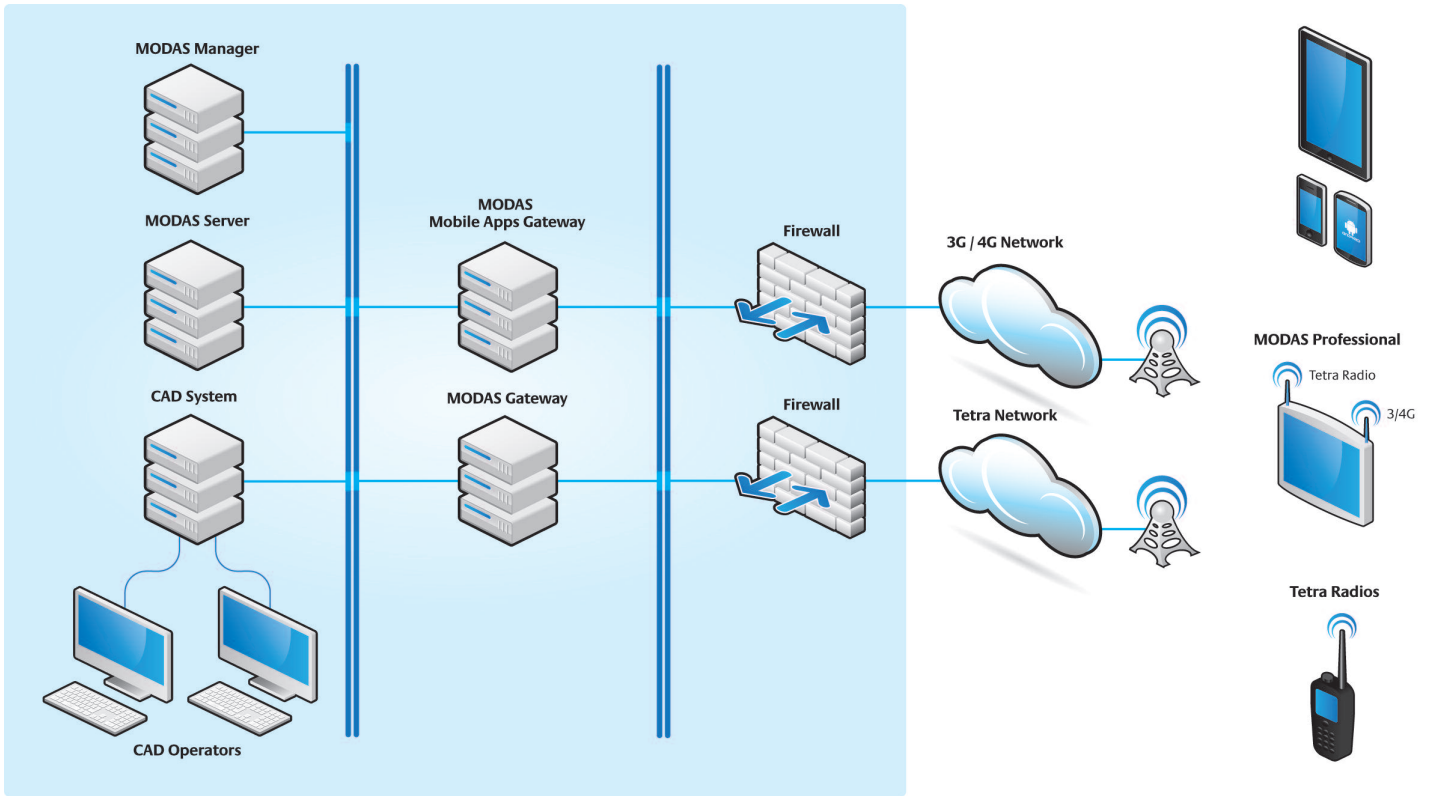
- Arrange organisational intelligence in a way that reflects the organisations way of working
- Multiple data formats supported
- Automated data conversion to facilitate format changes and reduce complexity
- Access to all your operational intelligence at the touch of a button via the integrated GIS engine
- Ensures compliancy to FRS and Cabinet office standards. Fully Penetration Tested and operational on Impact Level 2 & 3 networks

Faster Response

- Decision making during emergency situations is quick and effective
- Shared location based information (AVL) to enhance the decision making process within the CAD environment and within the organisation as a whole
- Integrated truck based Sat Nav engine automatically directing resources to the incident location quickly and safely
- Intuitive user interface enabling rapid access to operational intelligence at the touch of a button
- Fully auditable to ensure crews and the organisation are fully protected



MODAS Solution





Why 3tc Software's MODAS Professional

Features	Applies to...			Benefit
Full integration (scheduled software releases can be automatically distributed to MDT's)	Back office systems	Appliances	Wireless Communications (3G, Airwave etc)	Reduces stress within the control room environment
Communications supported	Multi bearer	Optimised for low bandwidth carriers	Message relay for enhanced situational awareness such as AVL, Cordon, RVP relay and incident updates	Robust and flexible end to end messaging
Secure	Accredited for use on Airwave	Operates on Impact Level 2 and 3 Networks	Penetration tested	Ensures secure data transfer
Scalable	Highly resilient options	Distributed architecture	Extendable with additional MDT's, Smartphones and vehicle telematics systems	Standards based to enhance data exchange

MDT Specification

Operating system	Windows XP (service pack 3)	Windows 7	-
CPU	Intel Core 2 duo or higher		-
Display	8.4" TFT LCD SVGA (800 x 600)	12.1" TFT LCD XGA (1024 x 768)	WXGA (1280 x 800)
Pointing device	Touch Screen	Mouse	-
Memory (min)	2GB (XP)	4GB (Win 7)	-
Storage	100GB or higher		-
I/O	LAN (RJ45) Serial Port (RS232)	Audio Output GPS (NMEA 0183)	USB 2/3 Standard composite video input (optional)
Communications Interface	3G	WiFi (a/b/g/n)	Tetra Radio