

TETRAsim

Professional Training Systems

Full-duplex Call

To make a full-duplex call:

- Enter the recipients number or select it from the phonebook
- Press the green telephone button

To call numbers outside the TETRA network, enter the number and change the call type with the upper or lower navigation key

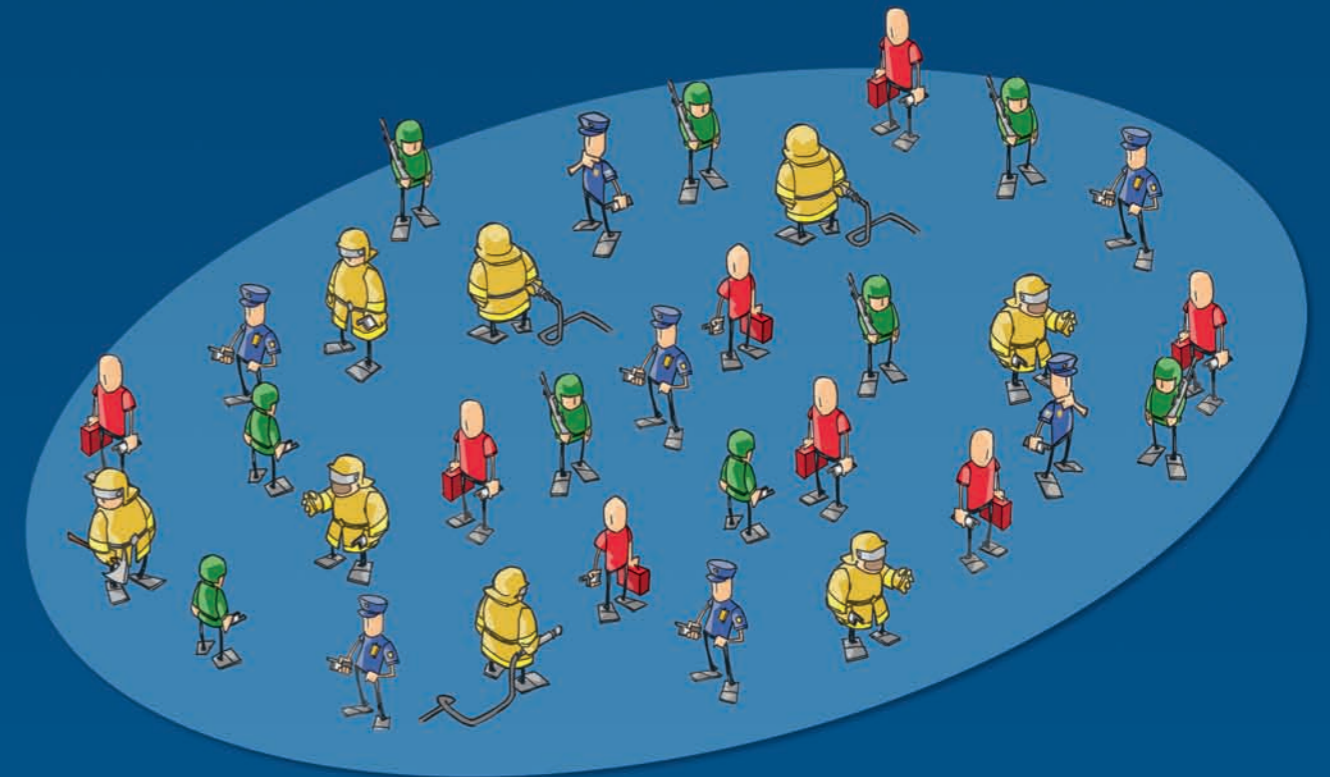
Status Messages

- Status messages can be sent to both individuals and groups
- The status messages are transmitted over the network as numbers and are converted to text in the recipient's device

"At scene"

"At scene"

"At scene"



Contact us

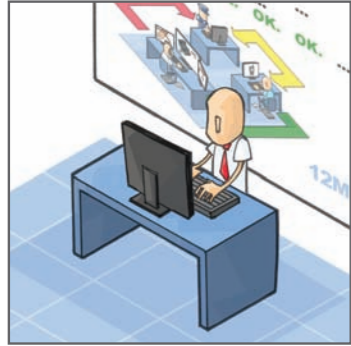
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TETRAsim Online

TETRAsim Online: the most effective way to provide large-scale TETRA training



With TETRAsim Online Course Design, you can create online courses which combine text, graphics, sound and TETRAsim simulator content in your preferred way. You can organise the content of your course into chapters of any length, create custom templates to give your own courses a unified look and, above all, add simulator content consisting of any number of actions you can perform on the radio.



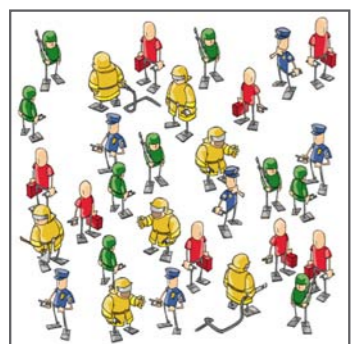
TETRAsim also delivers radio courses for any EADS and Sepura radio, made by professional TETRAsim trainers. Courses in several languages are available. All important functions of the radios are covered in the courses, including individual calls, group calls, messaging and operating modes. The courses have been carefully planned to take advantage of the powerful audio-visual and training tools of the TETRAsim Online Course Design. They will be fine-tuned to match your training needs.



From a technical standpoint, TETRAsim Online is a web application, which is run as a Windows system service. It is installed on a server, which can be any normal Windows workstation. The service is used with a web browser, preferably Mozilla Firefox. Both trainers and trainees can access the service from any computer able to make a connection to the server, be it on a local area network or in World Wide Web.



TETRAsim Online keeps you constantly informed of the progress of users. The overview is easily maintained with the course result grid, showing the trainees and the passed course chapters. A final exam can be set up to define a standard skills and knowledge level required. Passing a basic radio course could be used as a prerequisite for entering a course involving tactical operations. Printing certificates for passed courses is done quickly with the automatised and customisable creation of certificates.



Since TETRAsim Online can easily handle even hundred thousand users, it is an extraordinarily effective tool for delivering TETRA radio training to large amounts of people. It combines the best features of TETRAsim simulators with easily editable and highly customisable online content and powerful timing tools, adding a whole new dimension to your TETRA training.

The online course content is organised into pages and chapters to create meaningful learning units. The most important page type is slide, which consists of text, graphics, sound and simulator elements. The elements can be placed freely, resized and moved to front and to back. Creating own slide templates gives your courses a unified look. Besides slides, other page types include Flash videos (own Flash videos made with another program and added to the course) as well as the multiple choice question, which can be used to test the trainees' knowledge level and learning progress.

Time element is one of the features where TETRAsim Online stands out from traditional web page content. Each slide has a definite duration and each element appears and disappears at a given time, allowing you to adjust the pace in which the users are shown the content. In case the pace is too fast for some trainees, they may use the in-built back button to review earlier content. The forward button is customisable: for example, it could be disabled at first to avoid inattentive fast browsing, but be enabled when the trainee reviews an already completed chapter.

The time planning is done on a time scale where each element of the slide is represented with an own bar. The way how text elements and images appear on the page can be adjusted by selecting an effect, for example one which rolls down the element quickly and smoothly instead of making the whole element appear at once. In order to see the selected page as the trainee would see it, the Preview button can be pressed in the design view.

Simulator content is the truly unique feature of TETRAsim Online and an essential part of any course. Any series of actions performed on a TETRAsim radio simulator, using your own network and radio parameters, can be recorded and added to a TETRAsim Online course. The recorded content can be added in one of two ways: as a demo or as an exercise. A demo shows the series of recorded actions to demonstrate the trainee how the radio is used. Each click of a radio key is shown with a key highlight, just as in the simulator. The actions can be paced according to the original timing of the recording or using a fixed length.

In exercises, the trainees have to perform the same actions as on the recording by clicking the right radio keys. When the trainee clicks the right key, the next radio screen is shown. Upon completion of the exercise a green tick is displayed and the trainee can proceed to the next page. It is up to the trainer to provide just enough instructions to make the completion of the exercise possible, yet reasonably challenging. It is possible to define how many wrong clicks are allowed and what will happen if that amount is exceeded. For example, the trainee could be shown the correct actions as a demo and then given another chance to try the exercise.

Access to TETRAsim Online takes place in one of two groups: as a trainer, who creates courses, or as a trainee, who can participate in them. It is possible to save courses and import copies of them to other trainers, or even on another TETRAsim Online server. By default, the trainees have to be added to the course by the trainer to make it accessible to them, ensuring the security of classified information. Another optional setting is the use of login codes: at the first login the trainees enter a login code received from the trainer, after which they fill in their own data and use it to log in the next time. Finally, by adjusting the settings, trainees can be allowed to choose the courses freely. This is the preferred setting for training very large numbers of people, free of unwieldy administration of any kind.