ELSA

Electronic Strip Application

ROSE Simulation

ELSA is an application which provides electronic flight strips. It was designed with the aim of using it on a PID, such as Wacom or XP-Pen. Using any of these screens provides methods to use ELSA fully compatible to any real paper strip. Of course, ELSA can also be used on a standard screen with the mouse – but displaying it on a PID provides a more realistic haptic when writing with a pen.
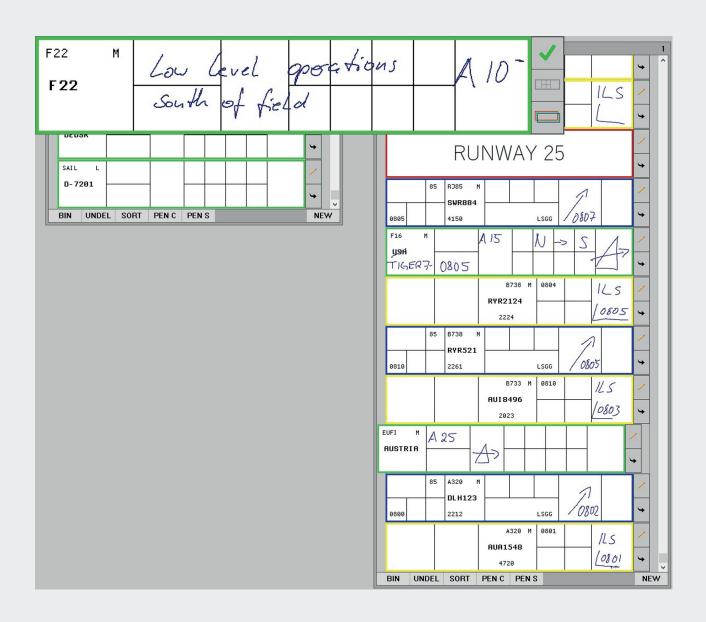
The idea during development was to take the usage of paper strips to a whole new level. Some ATC training providers still struggle with the task of providing paper strips for their simulation facilities. That means a strip format for very specific printers needs to be generated, and also implies, that for each simulation scenario, extra work needs to be done: printing, inserting, sorting ...

With ELSA you can use "paper strips" when thinking about the look, feel and handling practice – just that these are displayed on a PID, where they are easy to reproduce and import. Writing, flagging and sorting are familiar tasks since ELSA depicts all these functionalities very realistically.

ELSA is capable to replace any system that is depending on paper strips. New strip formats can be generated in no time; the strip layout generator is part of the ELSA application.

ELSA can be configured to run seamlessly integrated into simulation exercises, that have been prepared in ROSE or AMOS. When connected to either of the simulators, strips will be sent to ELSA automatically.

Using ELSA will enrich your simulation environment by the option to train sequence planning, situational awareness with the use of paper strips on a PID.

Strip type editor

Since **ELSA** includes a strip type editor, you can generate any paper strip format. The only thing you need is a background image for each type defining width and height of the strip as well as the different sections, that are usually divided by lines. Having this strip background layout, any data can be positioned onto that strip, such as callsign, ETD, RFL… and many more.

When using **ELSA** within your simulation training, all strip information is filled automatically by exercise data from **ROSE** or **AMOS**.

Strip bay editor

ELSA provides up to 10 different strip bays per working position, e.g. for departure, arrival, overflight or for any customer-specific bay function. The names and positions of the bays are definable from the interface. This way you are able to generate the layout you are used to for each single working position – either from other applications or a real CWP.

Setup options

ELSA can be connected to **ROSE** or **AMOS**. In addition, **ELSA** stations can be linked to each other in one exercise. This way the strips can be exchanged between several positions (e.g. GND and TWR).

ELSA is able read data from a *.csv format, which can be easily exported from any scenario prepared in **ROSE** or **AMOS**. Since it is an open format, it can be generated from any other application, or even edited manually if the data of an exercise should be manipulated or enriched.

Administration information

▶ Configuration options: preset network connection, custom bay layouts, custom strip layouts, pen calibration mode, pen colours and line width

▶ Operating system: Windows 7 or newer

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Creator of the AIR Suite