

## ATRAK-MON – ATC Monitoring System



Ifield Computer Consultancy Limited (ICC), a LAIC group company have been system developers and service providers to the Air Traffic Control industry for over 20 years with technical specialists based in the UK and Europe.

ICC has developed a number of key ATC solutions, front end systems for Executive, Planning Control, Information Management, and Radar fallback and back-office solutions for accounts, human resources and billing and statistics.

The **ATRAK-MON**® ATC monitoring system provides a graphical user interface to the ATC system administrator enabling an “at a glance” view of the status of any ATC server or controller working position. The ATRAK-MON system is powered by a platform-independent engine that monitors packets sent over a TCP network using UDP protocol. This ensures a minimal load, both on the monitored side and on the network. The main features of ATRAK-MON include: -

- Monitoring of Individual processes
- Monitoring of Multiple processes on each workstation
- Supports fetching error messages based on error codes that the monitored processes transmit
- Customizable colours for each state of process/ workstation
- Support for grouping of workstations into "positions"
- Hardware configuration is read at runtime
- Software configuration is read on demand and allows disabling/enabling of processes and positions

- Multiple instances can be run on one machine, listening on different ports, with different configurations, and the on-screen position configurable in the config file or command line.
- Allows configurable actions to be carried out from the main screen such as: -
  - Stop/start
  - Reboot
  - Shutdown
  - Terminal
- Sophisticated logging of the incoming messages
- Each monitoring system can carry three pieces of
  - Hostname
  - Process name
  - Error Code
- Sophisticated logging and configuration facilities allows different intervals for detecting failures of different items



# ATRAK

ICC's information display processing suite of ATC/ATM applications - delivering quality solutions as an integral part of air traffic control and management.

ICC have been delivering safe, reliable, mission critical ATC solutions and services for over 20 years. For more information please contact us.



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