# **PUBLIC RADAR**

One of the major operational advantages of the Public Radar system is its modularity. Every functional module can be included/excluded according to the user's needs. Every module can be used separately or can be integrated into your already existing system. Main components of the system:



## **Radar View**

Highly customizable controller's working position. Precise aircraft position display with all the important target information included.



## **FDPS Light**

This FDP system exhibits all the basic flight data processing functions such as FPL reception and distribution; FPL validation, route generation and validation and visual presentation. Paper or electronic strips are available.



## **PROPHET**

Ground based safety nets provides ATCO with a prior warning about a possible disruption in air traffic safety (STCA, MSAW, APW, CLAM, WTSA, RAMLD/ RAMHD functions).

PROPHET
Safety Nets

SSR/PSR

Tracker

Aero Data

Radar View

Aero Event

**FDPS** 

Surv./Voice Record and Replay



#### **Event Generator**

ATCO is automatically warned about a certain condition currently occuring in the air or on the ground. Events based on position, status changeor time.



# **Tracker**

Multitracker system handles all kinds of surveillance data sources. Tracker deploys advanced tracking procedures and creates consolidated, real time airsituation picture with minimal HW requirements.

ADS-B/ Mode-S MLAT

ADS-B based ground and air surveillance with optional multilateration module (under development).

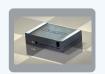
ORF Tracer Mobile Tracer

**ORF/Mobile Tracer** 



# **Record and Replay**

Compound voice and surveillance recording and replay help to fulfill CAA requirements and serve as a great help for a potential incident investigation.



## **ORF/Tracer**

Dedicated HW unit ORF Tracer is not only a positional data source. It also allow aircraft/endgine state monitoring, bi-directional data communication, data recording and much more.



## **Mobile Tracer**

SmartPhone positional data source transmits a GPS based position form the board to the ground system (up to 1sec. intervals).



#### **Data Distributor**

Ensures safe and reliable data distribution inside the system as well as to the external entities (ANSP, Airport, Airline, Handling, etc.)