

## 3. IMPLEMENTATION



Protection of the data inside the software application will also need to be ensured. Protected databases, encryption, firewalls and other commercial off the shelf security products should be considered as ways to ensure the appropriate protection of sensitive data.

➤ **The technical infrastructure of Airport CDM does not require expensive solutions!**

### Uniformity of information

The basic principle is that all users with the same level of access rights shall always see the same information. This principle must also be carried forward to the HMI. Any changes to information will be displayed to all users with the appropriate access rights.

### Lists, windows and pop-ups

As a minimum, the following lists are recommended:

- Operations list
- Arrival list
- Departure list

Additionally, a general information window is envisaged. Pop-ups may be used for specific purposes, e.g. alerts.

Since the software application will be outputting timed data referring to the same event category (e.g. landing), but with different significance (e.g. scheduled, estimated or actual), it is essential that the HMI makes such differences clearly identifiable.

### Alerts

The alerts specified in the definition of the software application must be displayed by the HMI in a user-friendly manner and filtered according to the User Profiles. Alerts may use changes of colour of the text or background or display of certain symbols.