

Chapter 4 -Implementation phase
Attachment 4.9

**REQUIREMENTS FOR A-CDM INFORMATION SHARING (ACIS) SYSTEM CHECKLIST
TEMPLATE**

The information sharing is the foundational block of ACDM. Information sharing is the element that ties the stakeholders together in their aim to efficiently coordinate and manage operations. The purpose of information sharing is to provide the right information to the right people at the right time.

To achieve this, a communication system should be implemented. It may range from a simple A-CDM dialog system to a more advanced A-CDM information sharing platform (ACISP), depending on the technical possibilities of the airport and airport partners.

The structure that provides the overall environment through which A-CDM partners may share information securely, with the assurance that data is accurate, relevant, timely and authoritative, is often referred to as the A-CDM information sharing (ACIS) system.

The following checklist helps to highlight the requirements for an ACIS.

Groups/types of information			
Live data			
Static data			
Consistent display of information			
Secure display of information			
Sharing of all relevant events by using the different means of reporting routines that have been agreed upon			
Automated routines or not			
If not automated, information sharing relies on standardized reporting routines			
Methods to exchange information			
ACIS performance principles support local decision-making for each partner and facilitate the implementation of A-CDM elements by:			
Providing a single, common set of data describing the status and intentions of a flight			
Connecting A-CDM partners' data processing systems			
Serving as a platform for information sharing between partners.			
Information quality based on a moving time window			
Accuracy			
Timeliness			
Reliability			
Stability			
Predictability			

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Securing the flow of information (agreements include)			
MoUs			
Service level agreements (SLA)			
A-CDM contracts			
Interface descriptions			
letters of agreement (LoA)			
Data assurance control			
Data filtering		(e.g., filtering data according the display requirements for each A-CDM partner);	
Data recording		(e.g., registration of all information, its sources and input times that are entered in the A-CDM system)	
Data storage		(e.g., the manner in which data is physically stored and how it is made available for post-analysis functions)	

The Information Sharing Element defines the sharing of accurate and timely information between the Airport CDM Partners in order to achieve common situational awareness and to improve traffic event predictability. The Airport CDM Information Sharing Platform (ACISP), together with defined procedures agreed by the partners is the foundation for the other Airport CDM Elements.