

		Requirement #						
		1	2	3	4	5	6	7
Requirement #	7			X			X	
	6							
	5							
	4	X						
	3							
	2							
	1							

Basic Security Requirements

The so-called ***CIA Paradigm*** for information security states three requirements:

- **Confidentiality:** information can be accessed only by authorized entities.
- **Integrity:** information can be modified only by authorized entities, and only in the way such entities are entitled to modify it.
- **Availability:** information must be available to all the parties who have a right to access it, within specified time constraints.

"**A**" conflicts with "**C**" and "**I**": engineering problem.