

The CIA Triad

The CIA triad, or confidentiality, integrity, and availability, is a concept intended to direct information security practices inside a company. To prevent confusion with the Central Intelligence Agency, the approach is sometimes occasionally referred to as the AIC triad (availability, integrity, and confidentiality). Experts feel that the CIA triad needs to be updated in order to continue to be effective, even if its components represent three of the most fundamental and important cybersecurity requirements. One popular method of data encryption for maintaining secrecy is authentication. When doing online banking, one type of authentication is the need for an account number or routing number. A simple example of authentication is when you bank online and need to provide your account or routing information. Authorization is the act of granting permission or authorization, or the actuality of doing so. An Example of authorization is: I authorized my employee to go behind the register and count the money for the day.