

| | | Misuse Activities | | | | |
|----------|------------------------------|-------------------|------------------------------------|-------------------------------------|--|---------|
| Actor | Action | # | Security Attributes CO/IN/AV/AC | Source of the threat AIn/UIn/Out | Description | Asset |
| Customer | Create order | T1 | AC | Aln | Disavows having created an order | Order |
| | | T2 | AV | Out | Tried to create many orders | N/A |
| | | T3 | AV | Out | Create an order in the name of a customer | Order |
| Broker | Process order | T4 | IN | Aln/UIn | Change the information on a legitime order | Order |
| | | T5 | CO | UIn/Out | Verify the order process in the system | Order |
| Broker | Fulfill order | T6 | CO | UIn/Out | Verify the information of the order processed (know the purchaser information) | Order |
| Customer | Notification | T7 | AC | Aln | Disavows having accepted an order | Order |
| | | T8 | AC | Out | Accept an order in the name of a customer | Order |
| Broker | Close order & Update account | T9 | IN | Aln/UIn/Out | Transfer money between accounts illegay | Account |
| | | T10 | CO | UIn/Out | Read information about orders closed | Order |
| | | T11 | CO | Aln/UIn/Out | Collects order information to disseminate illegally | Order |

| # | Security Policy | Description |
|-----|--|--|
| P1 | Open/closed systems | In a closed system, nothin is accesible unless explicitly authorized, in an open system or institution everything is accesible unless explicitly denied. |
| P2 | Least privilege (need to know) | People or any active entity that needs to access computational resources should be authorized only to access the resources they need to perform their functions. |
| P3 | Authorization | Explicit rules must be used to define who can use what resources and how. Authorizations may allow or deny access and may impose conditions for access. |
| P4 | Obligation | Access to a resources is given only if some further action is executed before of after the access. |
| P5 | Separation of duty | Critical functions should be assigned to more than one person or system. |
| P6 | Auditing | An audit tail should record every that was done at some time. This is important for accountability purposes and in case of an attack it could help preventing future attacks. |
| P7 | Authenticated transactions | Any exchange of information should be authenticated at both ends. |
| P8 | Centralized/decentralized control | In a decentralized system its units or divisions have their own administrators and authority to define their won policies of enforcement mechanisms as far as they do not violate global policies. |
| P9 | Ownership and administration | An administrative policy separates the administration of the data from its use |
| P10 | Individual accountability | People or processes must be uniquely identified and their actions recorded an reviewed. |
| P11 | Roles | In each role role different rights are needed to perform the corresponding functions. |
| P12 | Name- or item-dependent access control | We control access to named data items or classes including all their instances. |
| P13 | Content-dependent access control | Access to data depends on the specific records requested. |
| P14 | Context-dependent access control | Access to data depends on what other information is also requested. |
| P15 | History-dependent access control | We consider all or a subset of past requests to decide access. |
| P16 | Discretionary delegation/garanting | A user who has a right may be allowed to delegate or grant this right at his discretion(keeping or losing the right). |
| P17 | Mandatory rights | User receive rights from the system but cannot grant them to others. |
| P18 | Multilevel rights | User are classified in levels and their access rights depend on their levels. |