

# T.BROTHER REDUNDANT SERVER

T.Brother is an intelligent server designed to apply standby redundancy to T.Lion server. It is also known as the backup redundancy, when the system has an identical secondary unit to back up the primary unit.



## BENEFITS

Operators using the T.Brother Solution, will benefit from:

- TASSTA's communication facilities will improve their availability. By Using T.Lion with T.Brother, server operators ensure that the end user deploys TASSTA Services with higher availability.
- Maintenance purposes (e.g. updates, backup, etc.), T.Lion can be stopped without any service shortage.
- Data integrity and backup.  
As technology evolves and business become hyper-connected, the need to protect critical data is becoming incredibly important. For organizations that providing essential services such as healthcare, transportation or energy, a data failure could be disastrous. The redundant solution is an advanced technology that enables, enterprises to enhance the data security.

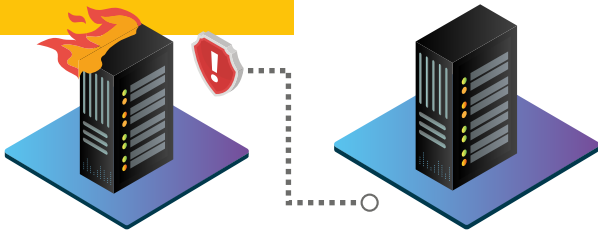
## AVAILABILITY AND FAULT TOLERANCE

Availability is measured in percentage, and 100% availability is the best that can be expected. With no redundancy the systems can be expected to perform 99% of the time. However, 1% downtime translates to 90 hours in a year, or about 3.5 days. For many organizations, 3.5 days without information system support would either be catastrophic, or at least very expensive.

T.Brother can improve the system reliability up to 99.999%, or five minutes a year. At this level of system reliability, it is far less likely that extrinsic factors will interrupt the service.

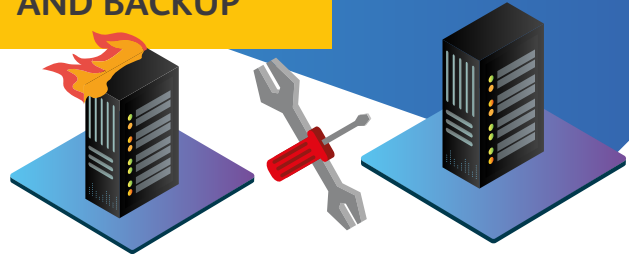
# T.BROTHER: KEY FEATURES

## REDUNDANCY



TASSTA's communication facilities will improve their availability. By using our redundant server, T.Brother, you ensure that end users deploy TASSTA services with the maximum reliability.

## DATA INTEGRITY AND BACKUP



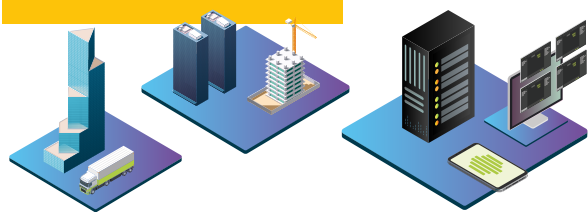
In a master-slave configuration, the data from the master (T.Lion server) is replicated to the slave (T.Brother server). The replication can be temporarily disabled to maintain a consistent state of information on the slave. Then it is possible to backup the database using any appropriate backup mechanism.

## DATA & VOICE ENCRYPTION



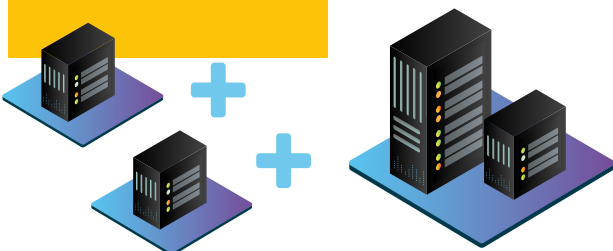
T.Brother solution is fully compatible with encrypted versions of T.Lion servers. All the redundancy and replication tasks will be transparent to the server operators and will be managed automatically. TASSTA ensures that extra reliability that comes with T.Brother solution, will not compromise the security of the system from any aspect.

## FLEET MANAGEMENT



All the control and flexibility that comes with our control system, T.Commander, remains untouched with the extra reliability that comes with T.Brother Solution. Any system operator can control his fleet as usual, without thinking on added T.Brother Server. TASSTA takes care of the remaining to make sure that the entire system stays unified and integrated.

## FLEXIBILITY



Though it will make lots of sense to add T.Brother solution in the initial design phase of the project but T.Brother is flexible enough that allows its addition to the system in any later phase. It is easier than any time to add a new level of reliability to your exiting TASSTA environment shall the necessity arouse.

## APPLICATION



In any critical communication environment, the availability and reliability of the system is a major factor. T.Brother is an essential element for any critical communication network to achieve all mentioned above attributes.