

# T.BROTHER

## REDUNDANT SERVER



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

### BENEFITS

Operators using the T.Brother solution benefit from:

- 1** Improved availability of TASSTA communication facility. By using T.Lion with T.Brother server operators ensure that end user use TASSTA services with higher availability.
- 2** For maintenance purposes (e.g. updates, backup, etc.), T.Lion can be stopped without any service shortage.
- 3** Data integrity and backup.  
As technology evolves and business becomes hyper-connected, the need to protect critical data is becoming increasingly important. For organizations that provide vital services such as healthcare, transportation or energy, a data failure could be catastrophic. The redundant solution is an advanced technology, enabling enterprises to enhance the data security.

### AVAILABILITY AND FAULT TOLERANCE

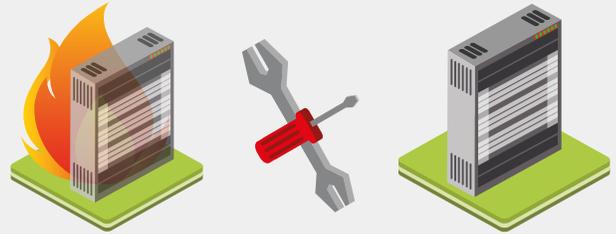
Availability is measured in percentage, and 100% availability is the best that can be expected. With no redundancy the systems can be expected to perform 99% of the time. However, 1% downtime translates to 90 hours in a year, or about 3.5 days. For many businesses, 3.5 days without information system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



## REDUNDANCY

Improved availability of TASSTAs communication facilities. By using T.Brother, the redundant TASSTA server, you ensure that end users use TASSTA services with maximum reliability.



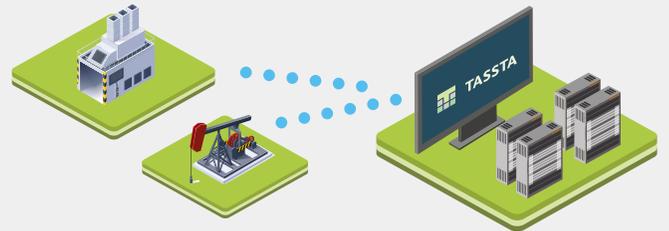
## DATA INTEGRITY AND BACKUP

In a master-slave configuration, the data from the master (T.Lion server) are 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 whatever backup mechanism is appropriate.



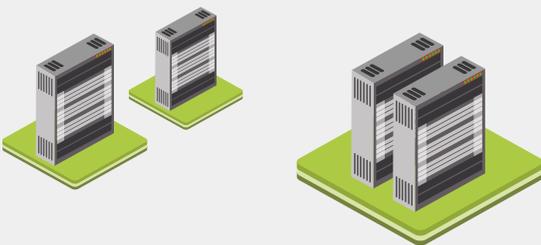
## DATA & VOICE ENCRYPTION

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 ensured that extra reliability that comes with T.Brother solution will not compromise the security of the system from any aspect.



## FLEET MANAGEMENT – T.COMMANDER

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. System operator just control his fleet like he used to without thinking of added T.Brother server and we take care of the rest to make sure that the whole system remains 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 concept, the availability and reliability of the system is a major factor. T.Brother is an essential element of any critical communication network to achieve above mentioned qualities.