Etere
a consistent system

Tapeless And Security

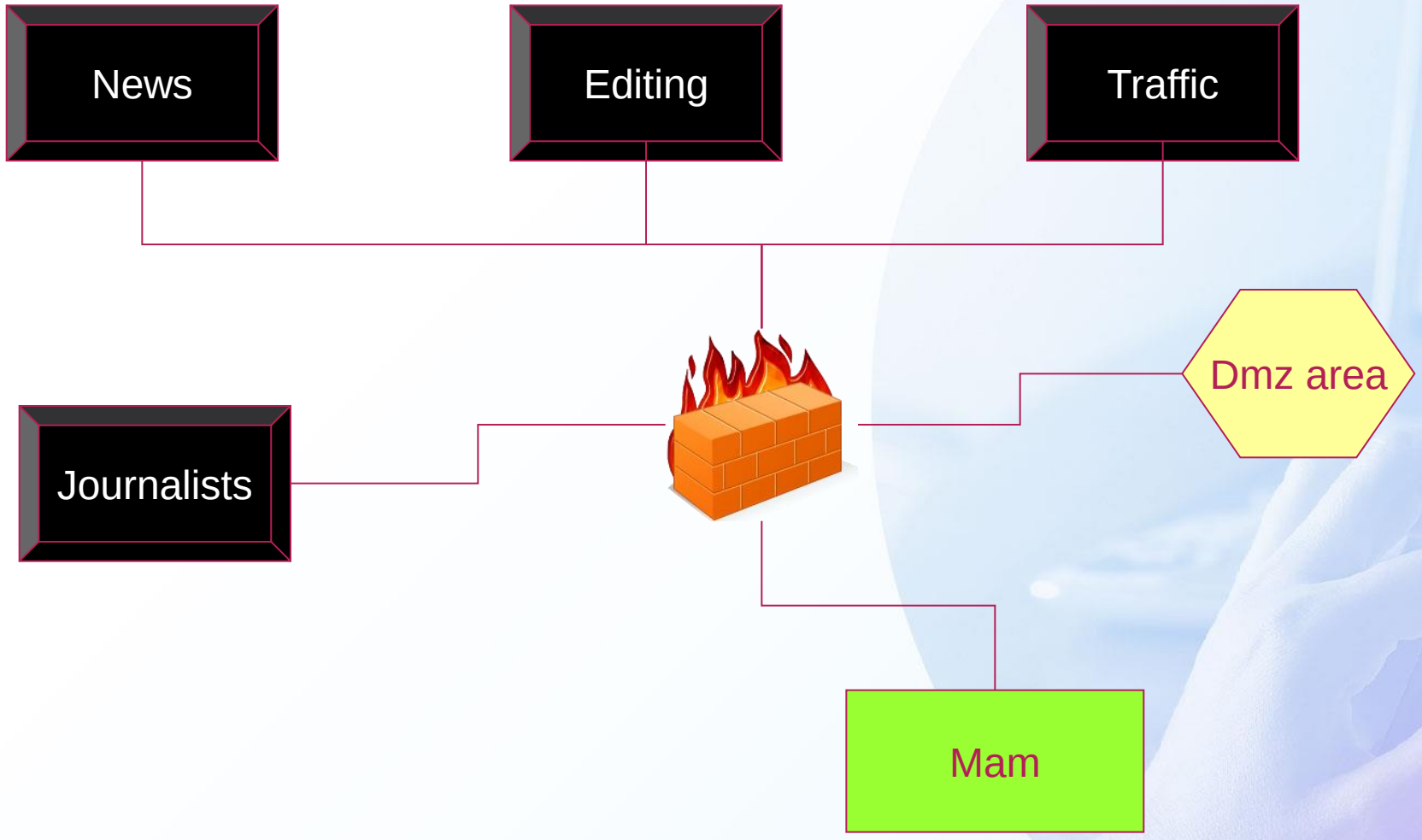
Basic

- Security is important
- Security has an impact on the performances
- There are different levels of security
- Security is not free

Tapeless and Security

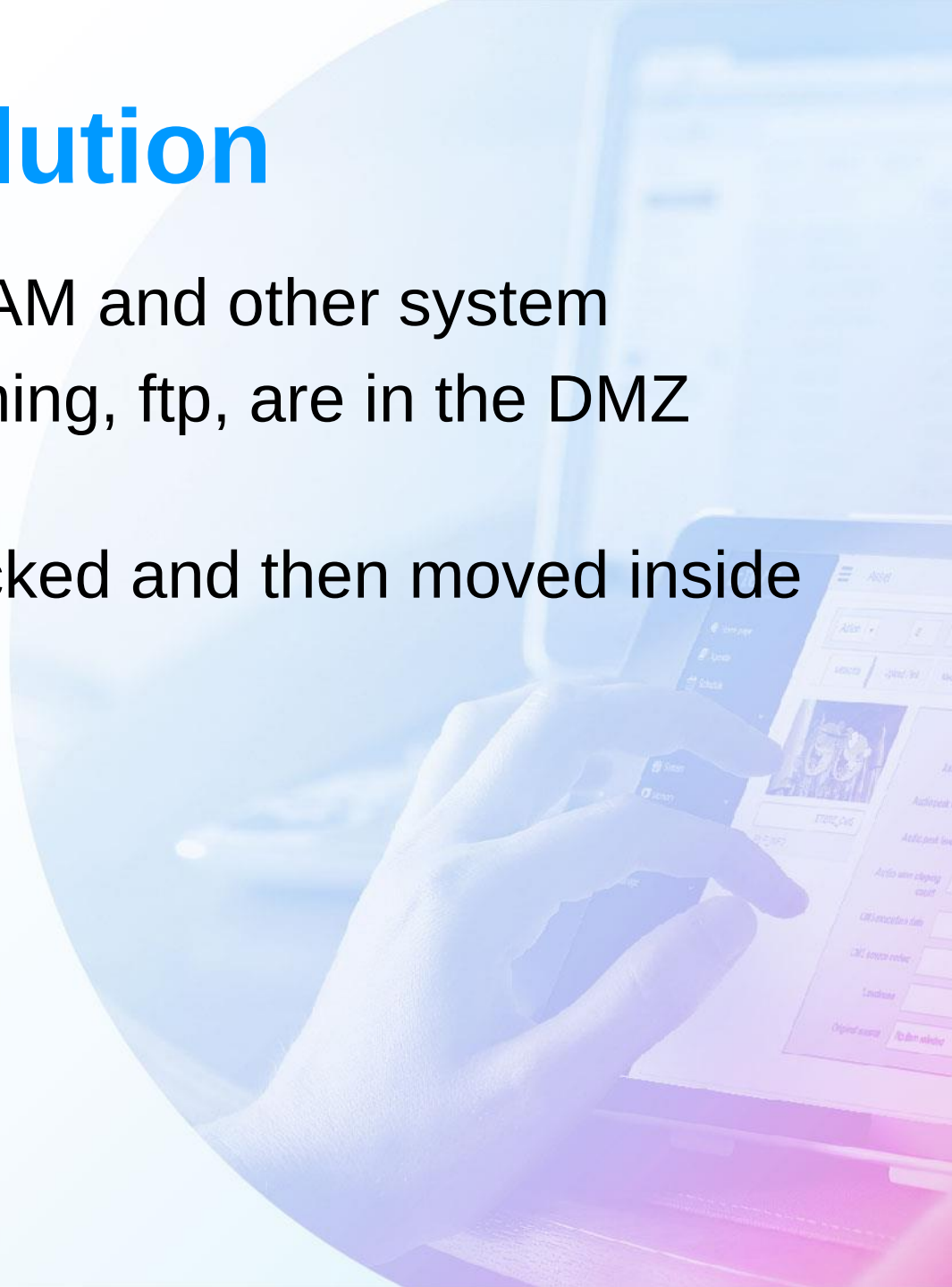
- Tapeless means file exchange
- To exchange files the networks must be connected
- This can be a door also for virus exchange

The Best Solution

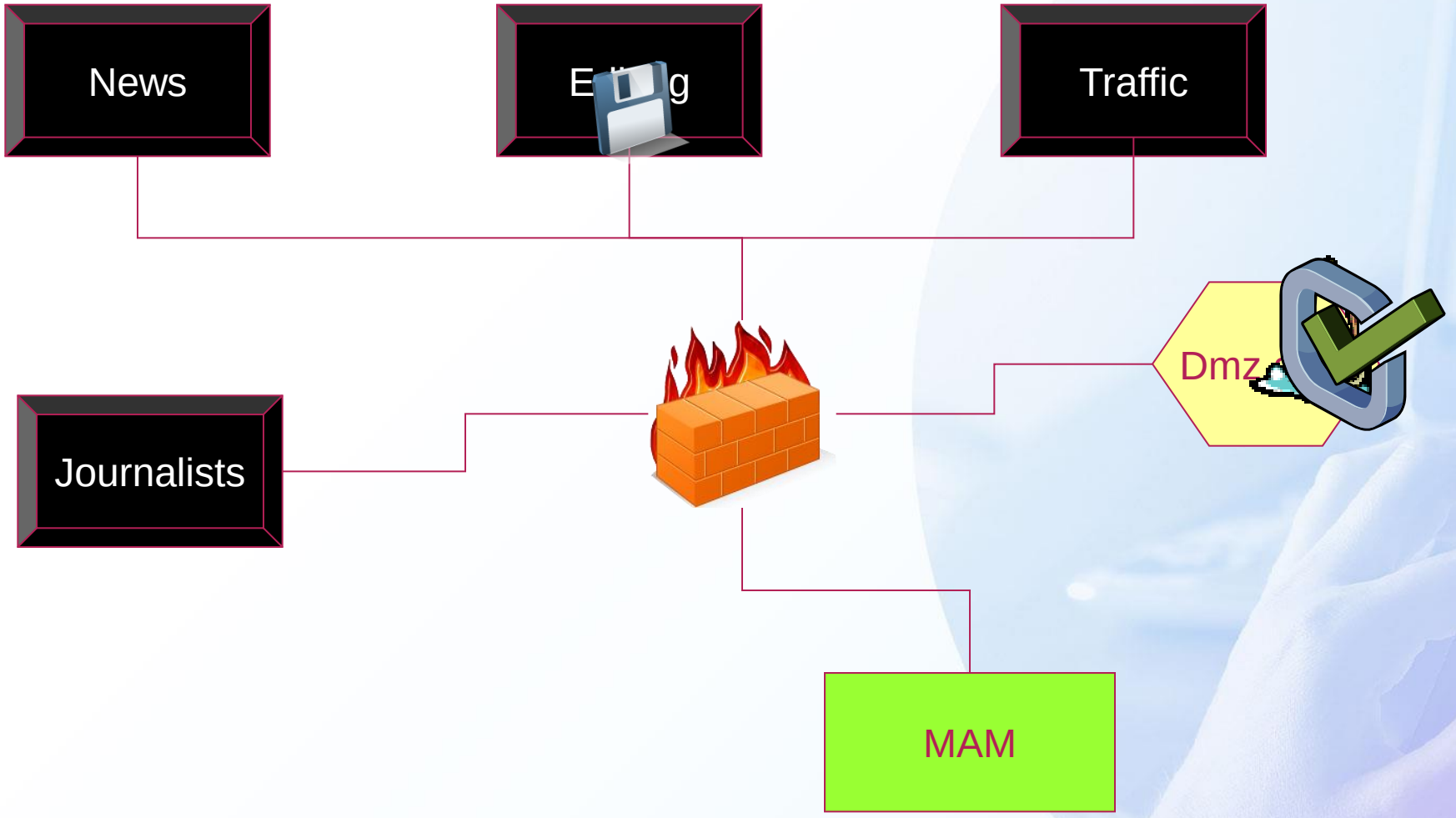


The Best Solution

- No direct communication between MAM and other system
- All the public services as web, streaming, ftp, are in the DMZ area
- Every file arrives in DMZ area is checked and then moved inside

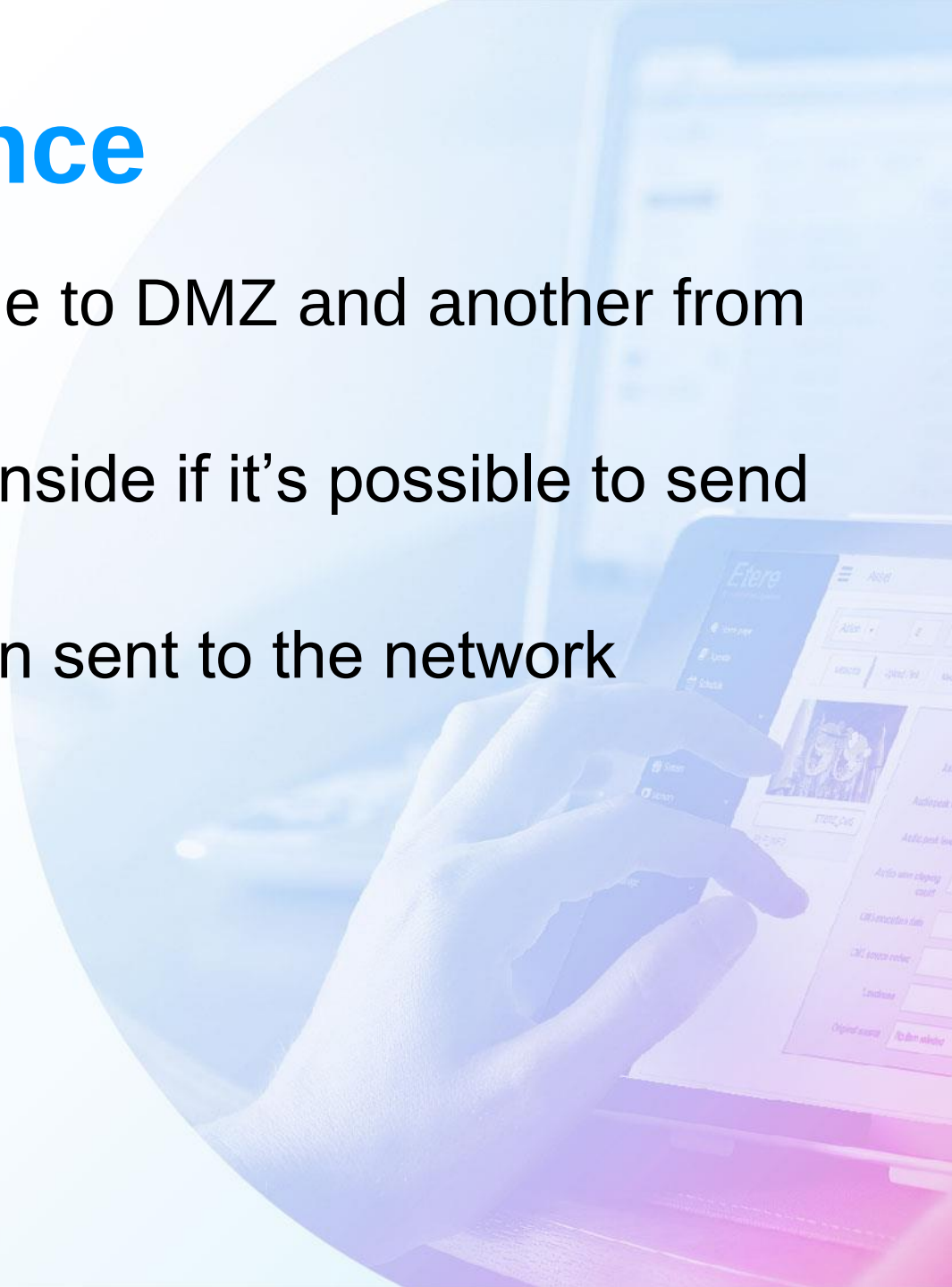


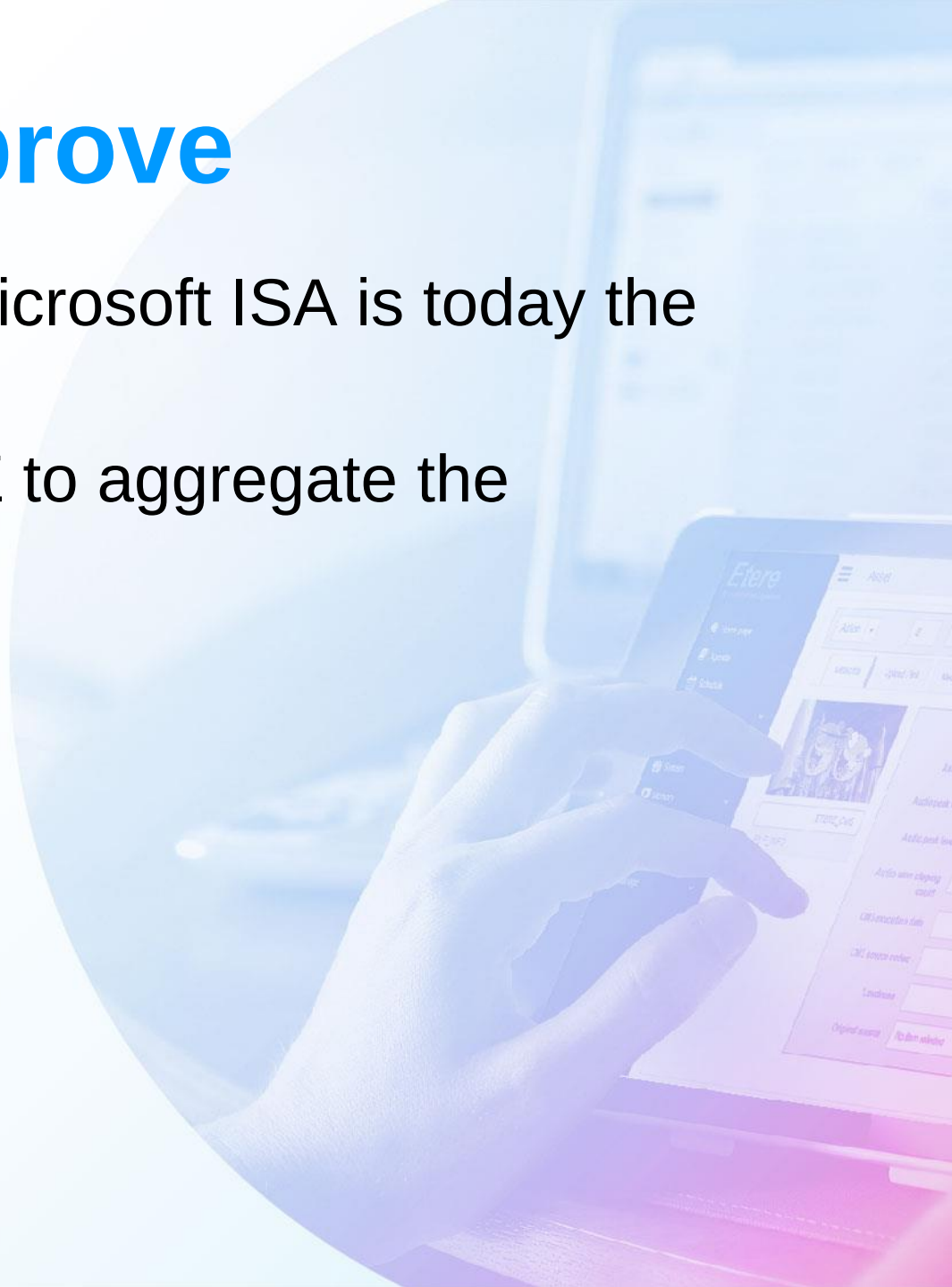
The Best Solution



Performance

- Writing : File is transferred 2 times one to DMZ and another from DMZ
- Reading the file is read directly from inside if it’s possible to send from inside, one firewall step
- Otherwise it’s moved to DMZ and then sent to the network



How To Improve

- Use a fast firewall, for file transfers Microsoft ISA is today the fastest
- Use multiple landing Ftp sites in DMZ to aggregate the performance