



DVEO Fact Sheet

Design features for high availability of
DVEO's Brutus™, Gearbox™, Premio™, and RISTlink™ product lines

1. Linux® O/S:

All DVEO products are based on Ubuntu V16 Linux®. We use only the basic core of the O/S. We end up like a CBCO Router where the user does not have access in any way to the O/S.

2. Security:

We have a firewall and use authentication. We scan all DVEO software with a high end security software application from www.qualys.com. This gives you security from hackers who seek vulnerabilities.

3. Dual Power Supplies:

All above products are equipped with dual power supplies with redundancy in case one of the two fails.

4. Redundant IP Ports:

All above products are equipped with redundant IP Ports in case one should fail.

5. Failover Software:

Our UPTIME™ software is an application that runs on any DVEO server and acts instantly to activate a spare hot standby unit. It provides N+I redundancy.

6. Analytics:

DVEO has included some analytics in our software. The tools monitor stream errors and are able to restart stalled streams.

7. DASHBOARD II™: Unified Stream Management

DASHBOARD II is a multi unit stream management tool that allows comprehensive monitoring of encoding and stream delivery via clusters of DVEO encoders, profilers and packagers.

8. ARQ: DOZER™ and RIST are Implementations of ARQ

DVEO earned a patent in 2016 for automated packet loss and jitter correction for IP delivery. Since we own this technology it can be added to any product at any time.

DVEO won a 2018 Emmy® Award for Technology and Engineering for the DOZER™ technology.

RIST ARQ is the new multi-vendor ARQ via the Video Services Forum.