

KRATOS®

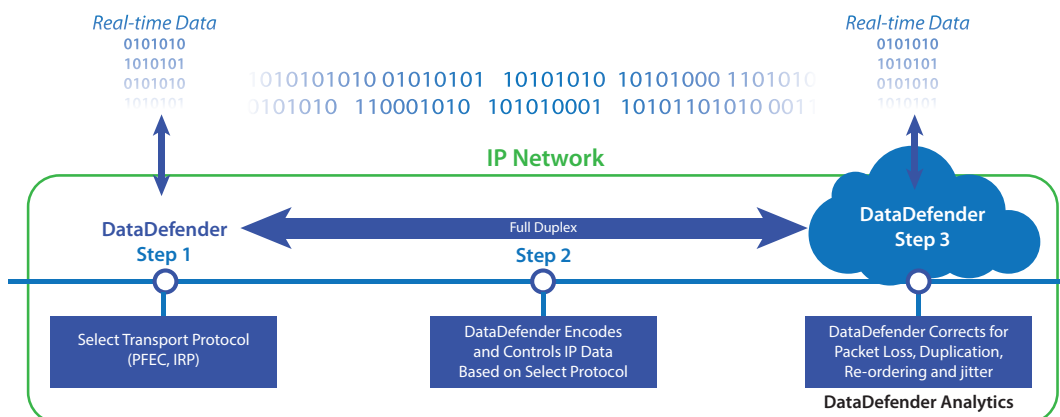


Flexibility to Configure Your Network For Secure Transport

Packet Forward Error Correction (PFEC) corrects lost packet errors on one way transmissions while maximizing bandwidth and keeping latency low. This results in an optimized, reliable data stream.

Intelligent Retransmission Protocol (IRP) is for bidirectional data transfers. It prevents loss of data while reducing overhead caused by retransmissions. This guarantees data delivery when latency is not a concern.

Application Specific Streams
are created to support data transfers for specific applications, managing bandwidth, latency and packet errors only during an actual transfer. This results in precision support that can be applied to mission critical data without creating reserved bandwidth that cannot be used by other traffic/applications.



DataDefender streams support specific application data transfers, assisting critical network needs at the precise time they are required. This allows other traffic and applications full use of the circuit when no stream is operating.

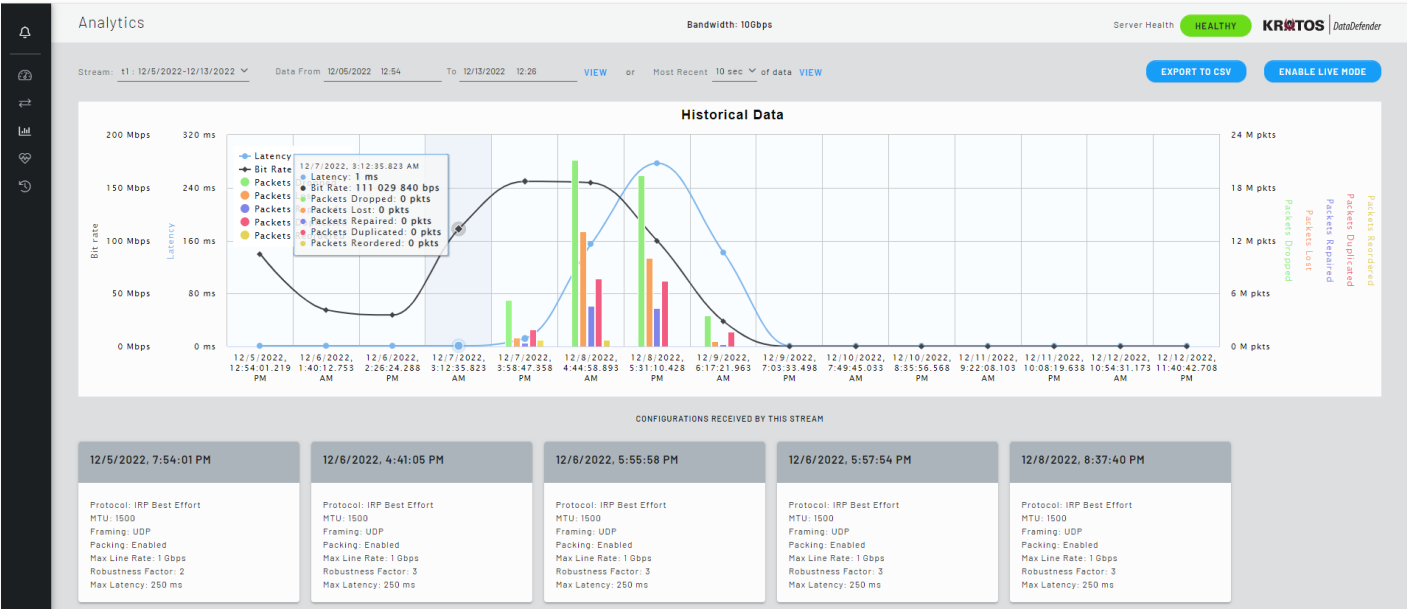
Lower Overhead Costs

DataDefender can be deployed on your existing architecture—eliminating the need for new infrastructure and potential non-recurring engineering (NRE) charges. This ensures that all mission critical application data, including the ones that exist on legacy systems, will be reliably transported.

The product is available as a virtualized cloud solution that can be deployed rapidly and reliably. Additionally, it can support the latest security, encryption and WAN protocols. Because DataDefender can be deployed as a virtualized solution, network administrators can cut down on support and overhead costs.

Increased Visibility into Your Network

DataDefender also provides visibility into data transport and performance by displaying errors and corrections at a sub-second measurement. This increases a network administrator’s ability to identify and isolate network problems.



Sub-second display of packets dropped/repaired and WAN throughput

DataDefender Virtual Appliance

When hosting DataDefender on premise or in the cloud, these are the recommended server requirements that will support the number of protected streams as identified in the stream count.

Minimum Suggested System Requirements						
VNF	Stream Count	LAN Interface	WAN Interface	vCPUs*	RAM	Storage
100 Mbps	10	1 Gbps	1 Gbps	4	8 GB	1 TB
1 Gbps	50	1 Gbps	1 Gbps	4	16 GB	1 TB
10 Gbps	100	10 Gbps	10 Gbps	8	32 GB	1 TB

* The vCPU number represents the HyperThreaded CPU count. For example for the Intel Xeon Gold 6242R processor (24C/48T) the vCPU count is 48. The minimum clock rate for the CPU is 3.09 GHz.