DEEP PACKET INSPECTION

CoreGate DPI

See which applications carry your traffic. Protect quality at peak hours with application policy and shaping, and plan capacity with data.



Throughput	Classification	Actions	Reporting
10–800 Gbps	L7	policy · shaping	subscriber · application

01 How it works · Flows are identified, policy is applied

Each flow is classified at application level. Priority, rate limits or blocking are applied according to your policy, and the results feed your reports.

SUBSCRIBER TRAFFIC
*:443 · *:53
Encrypted and plain flows

→

COREGATE DPI
app: video-streaming
L7 classification

→

POLICY
shape · prioritise
Rules by plan and time

02 Features

L7 application classification
Application and category recognition, including encrypted traffic.

Application shaping
Prioritise critical traffic at peak hours.

Policy engine
Rules by subscriber plan, time window and application.

Capacity reports
Usage by application, subscriber and time.

Subscriber visibility
See a subscriber's traffic mix on one screen.

Export
Export reports and connect them to your own analytics.

Inline or mirror mode
Inline to manage traffic, or from a mirror port to observe only.

Cluster, failover and OTA
Up to 16-node clusters, automatic failover and zero-downtime updates, all from the central management system.

coregate.com.tr · sales@coregate.com.tr · +90 850 650 0 500

03 Licensing

DPI has its own licence structure and is quoted individually for your network.

04 Deployment scenarios

PEAK HOURS

Evening peak

Balance video and gaming traffic to keep quality up for every subscriber.

PLANNING

Capacity planning

See which applications are growing and plan upstream investment.

PRODUCTS

New plans

Application-aware plans and priority classes for business subscribers.

05 Capacity grows, service keeps running

Cluster architecture
Scale horizontally and vertically. Add up to 16 nodes to grow capacity as you need it.

Automatic failover
If a node goes down, sessions and traffic move to the other nodes automatically.

OTA updates
Updates roll out node by node, with no maintenance window and no subscriber impact.

Security and vulnerability detection
The platform is scanned continuously, and detected vulnerabilities and threats are remediated automatically.

24/7 monitoring and support
Our NOC watches your platform around the clock, steps in before issues grow, and support is always open.

Centralised management
Every node, site and licence from one console, with configuration, monitoring and reporting together.

06 Frequently asked questions

Can encrypted traffic be classified?
Yes. Applications are recognised from flow characteristics and handshake data without decrypting content.

Does DPI read content?
It inspects packets only to classify them. Content is never stored or reconstructed; only flow and application metadata are kept.

Can I try it without going inline?
Yes. Start in visibility-only mode from a mirror port.

How is it licensed?
DPI has its own licence, quoted by inspected traffic volume.

Get a quote for DPI

Your subscriber count and peak traffic are all we need to send a licence and hardware recommendation.

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