

DATASHEET

Axera Segment

Least-privilege Kubernetes microsegmentation synthesized from real traffic, with lifecycle, service-mesh L3/L4, shift-left and governance.

Red Hat certified operator

CNI-agnostic

On-prem & air-gapped

eBPF-based

Least-privilege segmentation, from real traffic

Axera Segment writes NetworkPolicy from what your workloads actually do — then gives you the lifecycle, governance and mesh support to run it in production.

Policy from observed traffic

Synthesize least-privilege NetworkPolicy from real east-west and egress flows — no hand-written YAML, no guesswork.

Firewall-style rules

Author rules the way a network team thinks — source, destination, port, protocol — compiled to correct NetworkPolicy.

Shift-left

Scan Git repositories and recommend policy before workloads go live — segmentation as a pull request.

Full lifecycle

Draft, deploy, version and one-click rollback. Soft-delete with retention so a removed policy is recoverable.

Service-mesh L3/L4

Generate Istio AuthorizationPolicy for ambient and sidecar meshes, alongside L3/L4 NetworkPolicy.

Governance & GitOps

Approval gates, multi-cluster fan-out and GitOps delivery keep enforcement auditable and consistent.

Operational safety

- Deploy when you approve — segmentation never enforces behind your back
- One-click rollback and recoverable soft-delete for every policy
- Works with or without a service mesh; any CNI