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# Integration into a single EPC Monitoring stack

ePDG monitoring is fully integrated into overall packet core monitoring:

```
flowchart TB
  subgraph Common["Unified Monitoring Stack"]
    PROM["Prometheus"]
    GRAF["Grafana"]
    AM["Alertmanager"]
  end
  subgraph Sources["Sources of EPC metrics"]
    DPI["FastDPI :9110"]
    SMF["SMF /metrics :9090"]
    PCEF["fast-pcef /metrics :9090"]
    PCRF["FastPCRF :9090"]
    EPDG["fast-epdg :9817"]
  end
  DPI --> PROM
  SMF --> PROM
  PCEF --> PROM
  PCRF --> PROM
  EPDG --> PROM
  PROM --> GRAF
  PROM --> AM
```

The NOC operator sees **all EPC components** (DPI, SMF, PCEF, FastPCRF, ePDG) in a single Grafana interface, with a single alarm system and notification routing through one Alertmanager.