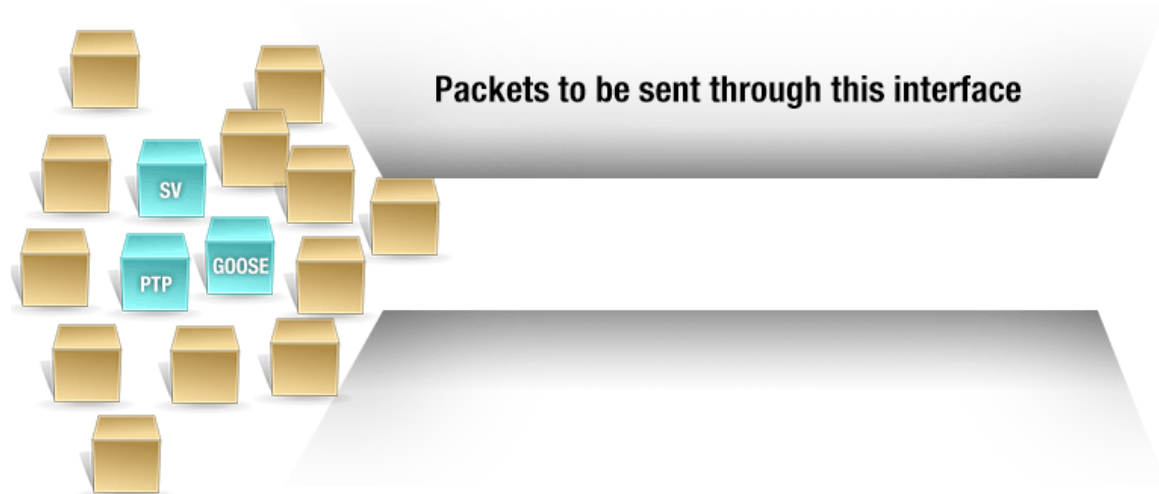

IEC 61850 New Substations Performance

Communication packets can be assigned different priorities, depending on their importance

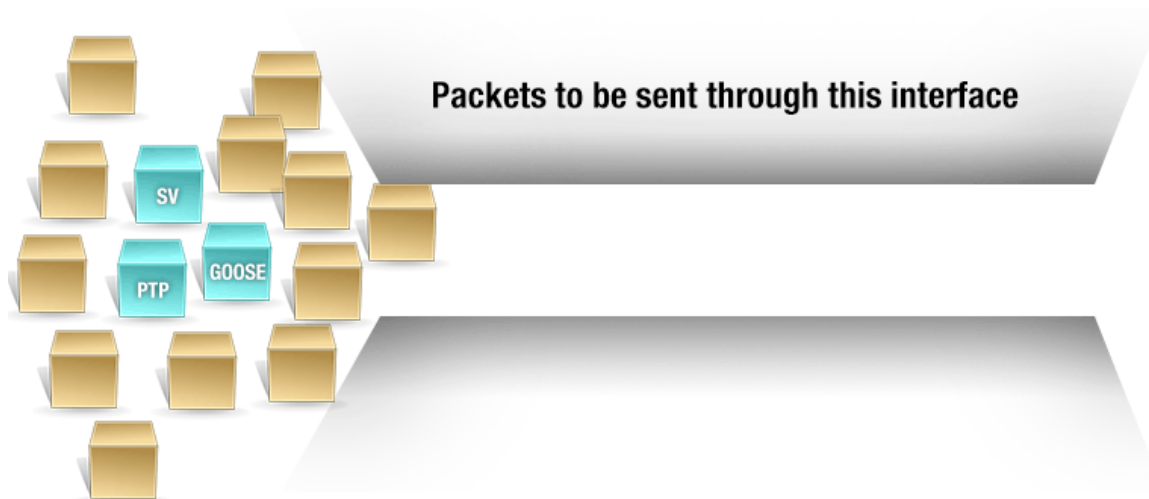


Performance

IEC 61850 QoS

Critical packet prioritization

- Communication packets can be assigned different priorities, depending on their importance
- Packet types: GOOSE, SMV, PTP
- Packet priorities: high, medium, normal, low



VLAN Technology

Enabling efficient and reliable communication

- **Trunk traffic reduction**

Removing bottlenecks on the trunk links requires a careful analysis to correctly configure the bridges in the network. The traffic can be filtered or restricted to specific domains in the network by VLAN

- **Traffic filtering**

To segregate traffic flow throughout the network

- **Device performance improvement**

Reduce the number of messages that end devices need to process

Time Synchronization Technology

Enabling efficient and reliable communication

Time Synchronization Protocol