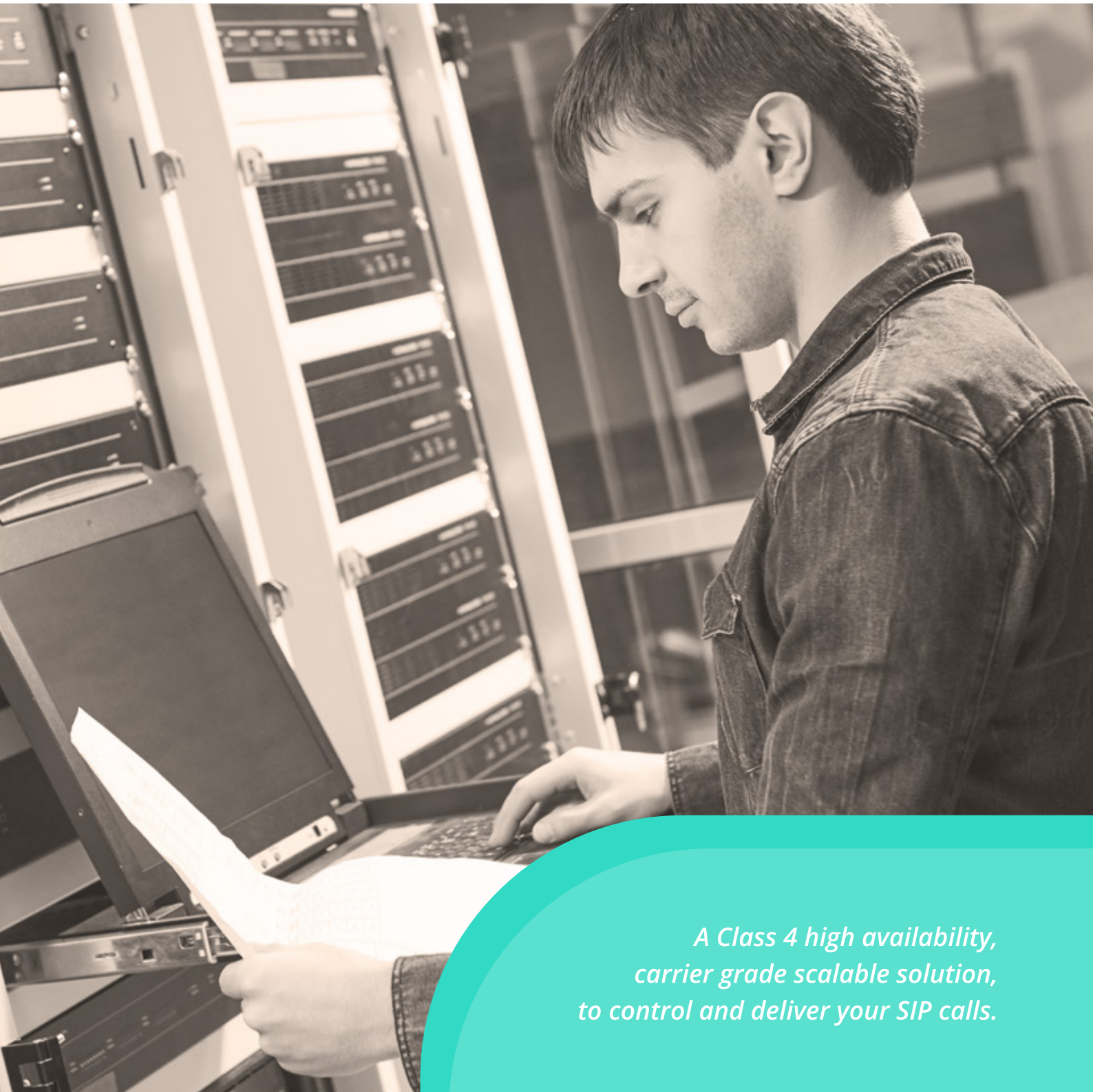




# VOICIS C4

by itcenter



*A Class 4 high availability,  
carrier grade scalable solution,  
to control and deliver your SIP calls.*

# Features

## SIP router

- Interconnect / Peering
- LCR routing
- SIP header manipulation (RURI/From/To/PAI)
- Topology hiding

## Call admission control

- CAPS limit per carrier or operator
- Active concurrent calls limit per carrier or operator

## Simplified operational control

- Centralized quality and performance management
- CDR mediation
- Advanced troubleshooting
- Rate limiting and traffic shaping

## Intelligent interworking and normalization

- Diverse, multivendor interworking
- Real-time, menu-driven, SIP flexible message manipulation
- Separation of media and control planes for maximum network efficiency
- Network-proven interoperability with common end user and advanced security and routing

## Load balancing HA scalability mode

- Multi-master high availability cluster
- Geo-redundant, disaster proof configuration ready
- Scalable to unlimited number of physical servers/nodes

## High performance

- 1600 CPS and 7000 active calls (with 2 MRF)
- On 64GB / 2CPU / 10G NIC

## Platform maintenance

- SIP capture and monitoring application
- Centralized logging
- Backup and restore tool

## IP network security

- Topology hiding with signaling and media NAT traversal
- Rogue RTP detection
- Denial of service (DoS / DDoS) protection
- Detect and drop malformed packets
- Access control lists
- Session admission controls
- Centralized authentication and audit

## Advanced routing and policy

- Percentage based routing
- QOS and SLA assurance
- DSCP packet marking for ToS / CoS
- Command line interface (CLI) for local and SSH access
- Central authentication and audit
- SNMP V2 status and statistics
- Local logging of events, alarms, and traps
- Call trace

## Supported protocols

- SIP v2 - RFC 3261
- Loose routing and strict routing (RFC2543)

## Security (SBC)

- Media anchoring
- Malformed packet protection
- DoS protection mechanisms



**itcenter**  
everything connected

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