

System telephone Integral T3 IP Comfort connected to Integral 55

Services
Internet
Call / Contact Center
CTI / CRM
Messaging
Telephony
Networking

Voice telephony over the IP network has long since become a mature technology. Nowadays IP telephones are expected to equal the functional and voice quality standards of ISDN telephones. The Integral T3 IP Comfort designed by Tenovis fulfills these expectations. A full range of features and excellent voice quality join forces with innovative functions allowing perfect integration into IP networks.

The benefits for you

Linked via IP networks to the Integral 55 communication server, the T3 IP Comfort can be adapted to suit all desk requirements.

- Simple to operate – with menu navigation using the Tenovis Dialog System
- Desk flexibility – link technology and accessories for the Integral T3 IP can be used to design each place of work more flexibly
- Sustainable – irrespective of what the future brings. The link slot and possibility to upgrade the software ensure that the telephone continues to meet future standards and demands.

Optimal integration into IP networks

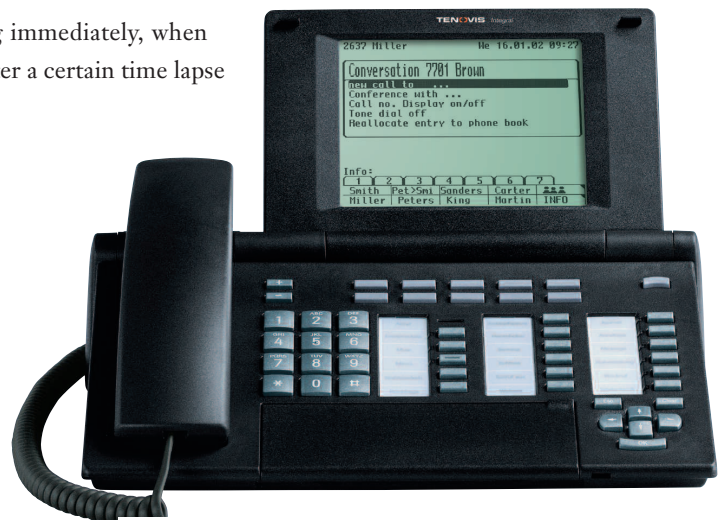
- Power supply: Power over LAN in line with IEEE 802.3a/f, PoL using proprietary Cisco method (Pre Standard) optional. Optional power supply unit.
- Integrated switch with voice prioritization and VLAN capabilities (802.1q)
- Quality of Service support: ToS, DiffServ, 802.1p
- G.711 or G.729a voice transmission, full duplex hands-free function, acoustic echo compensation

Performance characteristics*

- Interactive menu navigation using the Tenovis Dialog System
- Display – own number/name, date, time, telephone status
- Hands-free answer back
- Log with call list, list of numbers called, and list of numbers redialed, plus a separately configurable 30-fold list of numbers called and 10-fold list of numbers redialed
- Conference calls
- LED call signaling
- Message waiting
- DTMF dialing
- Inquiry call
- Call rerouting immediately, when engaged or after a certain time lapse

- Self entry double call
- Full user mobility between IP telephones
- Team/Partner keys over telephone or DSS module
- Boss/Secretary function
- Call center functions
- Local and central telephone directories
- Optional: XML interface for customer-specific solutions using the Integral T3, such as Newsticker, database access, etc.

*) Performance characteristics are dependent on the system software, further features are available on request. Subject to change.



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System telephone Integral T3 IP Comfort connected to Integral 55

Technical data

Integral T3 IP Comfort	
LC Display	Graphics-enabled, 17-line, 26 characters, optional swivel mount
Dimensions (W x H x L)	Approx. 302 x 111 x 206 mm
Weight	Approx. 1410 g (without power supply unit)
Colors	Graphite gray/polar white
Protocol	Tenovis Tunnel-Protocol
Acoustics	DSP-controlled echo suppression
Hands-free	Full duplex hands-free
Accessories	Link slot for extended modules - AEI/Headset link - Headset link
Computer Telephony	Local CTI capability (TAPI 2.1) via Ethernet over integrated CTI Integration server Central capability over the communication server's CTI server
Key modules	DSS module
Programmable keys	3 with clear text lettering 2 for volume control
Freely programmable keys	8 with key and lamp function and clear text lettering 6 with clear text lettering
Freely programmable display keys	70 (10 keys, 7 levels each, with level display)
Team/Partner keys	16
Navigation	Cursor controlled
Alpha input	integrated alpha-keypad
Call signaling	via LED and/or loudspeaker

IP connectivity

Integral T3 IP Classic	
Interfaces	10/100 Base-T Full Duplex, Autosensing
PC connection	Integrated 2 port switch with voice prioritization
VLAN capability	VLAN acc. to 802.1q
Quality of Service	TOS, DiffServ (Layer 3), 802.1p (Layer 2)
Network quality	Ongoing monitoring of transmission quality using RTCP
Power supply	Separate power supply unit or Power over LAN
Power over LAN	Acc. to IEEE 802.3af using signal wires or free wires Optional phantom feed from Cisco
Voice transmission	G.711, G.729a
Acoustics	DSP controlled echo suppression
DTMF signals	Inband for voice transmissions in line with G.711 Outband for voice transmission in line with G.711 and G.729a
Address allocation	DHCP or fixed configuration
Configuration	Local, http (incorporated web server) service tools
SNMP	SNMP support for the integrated switch

*Integral T3 IP Comfort –
the comfort of ISDN telephony
with optimal IT integration*



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Voice telephony over the IP network has long since become a mature technology. Nowadays IP telephones are expected to equal the functional and voice quality standards of ISDN telephones. The Integral T3 IP Classic designed by Tenovis fulfills these expectations. A full range of features and excellent voice quality join forces with innovative functions allowing perfect integration into IP networks.

The benefits for you

Linked via IP networks to the Integral 55 communication server, the T3 IP Classic can be adapted to suit all desk requirements.

- Simple to operate – with menu navigation using the Tenovis Dialog System
- Desk flexibility – link technology and accessories for the Integral T3 IP can be used to design each place of work more flexibly
- Sustainable – irrespective of what the future brings. The link slot and possibility to upgrade the software ensure that the telephone continues to meet future standards and demands.

Performance characteristics*

- Interactive menu navigation using the Tenovis Dialog System
- Display – own number/name, date, time, telephone status
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- Conference calls
- LED call signaling
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- Call rerouting immediately, when engaged or after a certain time lapse
- Self entry double call
- Full user mobility between IP telephones
- Team/Partner keys over telephone or DSS module
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- Call center functions
- Local and central telephone directories
- Optional: XML interface for customer-specific solutions using the Integral T3, such as Newsticker, database access, etc.

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Optimal integration into IP networks

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- Integrated switch with voice prioritization and VLAN capabilities (802.1q)
- Quality of Service support: ToS, DiffServ, 802.1p
- G.711 or G.729a voice transmission, full duplex hands-free function, acoustic echo compensation



TENOVIS
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System telephone Integral T3 IP Classic connected to Integral 55

Technical data

Integral T3 IP Classic	
LC Display	Graphics-enabled, 4-line, 26 characters, optional swivel mount
Dimensions (W x H x L)	Approx. 252 x 121 x 206 mm
Weight	Approx. 980 g (without power supply unit)
Colors	Graphite gray/polar white
Protocol	Tenovis Tunnel-Protocol
Acoustics	DSP-controlled echo suppression
Hands-free	Full duplex hands-free
Accessories	Link slot for extended modules - AEI/Headset link - Headset link
Computer Telephony Integration	Local CTI capability (TAPI 2.1) via Ethernet over integrated CTI server Central capability over the communication server's CTI server
Key modules	DSS module
Programmable keys	3 with clear text lettering 2 for volume control
Freely programmable keys	8 with key and lamp function and clear text lettering
Freely programmable display keys	20 (4 keys, 5 levels each, with level display)
Team/Partner keys	10
Navigation	Cursor controlled
Alpha input	alphanumeric or via keypad
Call signaling	via LED and/or loudspeaker

IP connectivity

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Interfaces	10/100 Base-T Full Duplex, Autosensing
PC connection	Integrated 2 port switch with voice prioritization
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System telephone Integral T3 Compact with Integral 55

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With the system telephone Integral T3 Compact, Tenovis is proud to offer innovative and future-proof technology for efficient communication as part of its complete, modular system. The classic design, clear display and easy-to-follow operation guarantee superbly convenient telephony for every user and at every workstation.

Advantages

Connected to the Integral 55 communication server, the Integral T3 Compact can be adapted to the requirements of any workstation.

- Easy to operate – with the interactive user prompting provided by the Tenovis Dialog System
- Flexibility at the workstation – with Link technology and Integral T3 accessories, there is even more flexibility for individual workstations
- Greater efficiency through the integration of individual applications

- Redialling shortcut
- Refer-back
- Call diversion when engaged or after a certain period
- 10 abbreviated dial destinations

* Features are dependent on system software.
Further features on request. Subject to modification.

Functions/features* at a glance

- Interactive user prompting with the Tenovis Dialog System
- 10 call list entries
- Display of own call number/name
- Conference function
- Handsfree operation
- LED call signalling
- Message waiting
- DTMF suffix dialling



System telephone Integral T3 Compact with Integral 55

Specifications

Integral T3 Compact	
LCD	Alphanumerical, single line, 24 characters
Dimensions (W x H x D)	Ca. 196 x 111 x 206 mm
Weight	Ca. 820 g
Colours	Graphite grey/polar white
Interfaces	S ₀ /U _p N
Accessories*	1 port for Links, including CTI-Link CTI/Audio Link Analog Link for connection to Tenovis accessories
Key module	-
Pre-programmed keys	3 with plaintext labelling 2 for volume control
Freely programmable keys	3 with key and lamp function and plaintext labelling 2 with plaintext labelling
Freely programmable keys with display indication	-
Team/Partner keys	-
Navigation	Cursor control
Alpha entry	-
Call signalling	Via LED and/or loudspeaker

* Features are dependent on system software.

Further features on request. Subject to modification.

*Modern communication
with Integral T3 is a bonus
for any workstation*



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