

# OKEFORD Global Installed Base

The OKEFORD family connects to mobile, fixed and IP networks worldwide.

## OVERVIEW

OKEFORD products have been deployed in over 100 countries by more than 250 operators in mobile, fixed and IP networks. It is approved for inter-connect with most of the world's major carriers and switch vendors.

The mix of carrier-grade functionality and reliability, together with support for protocols such as SIP, ISUP, ISDN, INAP, WIN & CAMEL means that OKEFORD products are an attractive easily integrated solution.

## Wide Compatibility

The OKEFORD products have undergone successful inter-connect testing and gained SS7 approvals in numerous countries, including:



- Australia (Telstra/Optus)
- Belgium (Belgacom)
- Bahrain (MTC Vodafone)
- Chile
- China (MPT, China Mobile, China Unicom, China Netcomm)
- Denmark (TeleDenmark)
- France (Bouygues, France Telecom, Cegetel)
- Germany (E-PLUS, Vodafone, Deutsche Telecom, T-Mobile)
- Ireland (Eircom, Meteor Mobile)
- India (TTSL)
- Italy (Telecom Italia)
- Kuwait (Zain Telecom)
- Netherlands (KPN, TELFORT, ICS, Belnet)
- New Zealand (TNZ)
- Philippines
- Portugal
- Russia (Sovintel)
- Saudia Arabia (Saudi Telecom)
- Switzerland (Swiss Com, Tele 2, Orange)
- United Kingdom (BT, Virgin Media, T-Mobile, Vodafone, C&W)
- Uruguay (Uruguay PTT)
- USA (AT&T, Sprint)

In the UK, the OKEFORD has been an approved BT switch since 1996, and can be found in Appendix 1 of the BT Interconnect provisioning manual as a BT-approved switching and protocol conversion solution.

Telesoft Technologies has tremendous experience of the interconnection process, both with public bodies and newly licensed operators. We can offer extensive support and testing facilities to ensure that this process proceeds as smoothly as possible and that the needs of the interconnection body are met satisfactorily.

# OKEFORD Global Installed Base

## Protocols Supported

Whether you are connecting to next generation networks or legacy intelligent networks the OKEFORD family supports a broad range of protocols allowing easy interaction with 2/3G CDMA and GSM mobile, fixed and IP telephony networks. Protocols supported include:

### IN PROTOCOL SUPPORT

- INAP CS-1: ETSI ETS 300-374
- INAP CS-2: ETSI EN 301-140
- CAMEL: ETSI TS 101 441, 3GPP TS 29.78
- WIN Phase 1: 3GPP2 NS.0013-0. IS-771
- AIN: GR-1129, SR-3511
- ITU-T TCAP: Q.771-Q.774
- ITU-T SCCP: Q.711. Q.713. Q.714
- ANSI TCAP: T1.114
- ANSI SCCP: T1.112
- IN XML: Based on ETS 300-374 & EN-301-140

### TDM NETWORK PROTOCOLS

- SS7 & ISDN including switch and country variants
- ITU-T ISUP: Q.761-Q.764
- ITU-T International ISUP: Q.767
- ETSI ISUP V2: ETS 300-356-(Basic Services)
- ANSI ISUP: T1.113, Telcordia GR-246-CORE
- UK ISUP: PNO ISC 007
- Indian ISUP: S/CCS-02/03
- Brazilian ISUP: TELEBRAS 22-250-735
- ISDN: Q.931
- EuroISDN: ETS 300-102
- TR-41449, TR-41459, TR-NWT-001268, TR-NWT-001187
- ...and many others

### HIGH SPEED SIGNALLING

- RFC 3332: M3UA SIGTRAN
- ATM High Speed Signalling Links

### VOIP NETWORK PROTOCOLS

- IETF RFC 3261 Session Initiation Protocol
- IETF RFC 3262 Reliability of Provisional Responses in SIP
- IETF RFC 3263 Locating SIP Servers
- IETF RFC 3264 An Offer / Answer Model with SDP
- IETF RFC 2327 Session Description Protocol
- IETF RFC 2833 RTP Payload for DTMF Digits...
- IETF RFC 3325 Private Extensions to SIP..
- IETF RFC 3323 Privacy Mechanism for SIP
- IETF RFC 4048 Session Timers in SIP
- IETF RFC 4240 Network Media Services with SIP (NETANN)

Please ask if there is a particular protocol you seek that is not listed.

Support Email: [support@telesoft-technologies.com](mailto:support@telesoft-technologies.com)

[www.telesoft-technologies.com](http://www.telesoft-technologies.com)

#### Headquarters:

Telesoft Technologies Ltd  
Observatory House  
Blandford Dorset  
DT11 9LQ UK

T. +44 (0)1258 480880  
F. +44 (0)1258 486598  
E. [sales@telesoft-technologies.com](mailto:sales@telesoft-technologies.com)

#### Americas:

Telesoft Technologies Inc  
Suite 601  
4340 Georgetown Square  
Atlanta GA 30338 USA

T. +1 770 454 6001  
F. +1 770 452 0130  
E. [salesusa@telesoft-technologies.com](mailto:salesusa@telesoft-technologies.com)

#### India:

Telesoft Technologies Ltd  
Building FC-24 Sector 16A  
Noida 201301  
Uttar Pradesh India

T. +91 120 466 0300  
F. +91 120 466 0301  
E. [salesindia@telesoft-technologies.com](mailto:salesindia@telesoft-technologies.com)

Telesoft Technologies, the Telesoft Technologies logo design, HINTON, TDAPI, MPAC are trademarks or registered trademarks of Telesoft Technologies Ltd or its subsidiaries. All other brand and product names may be trademarks of their respective companies. Copyright ©2008 by Telesoft Technologies Ltd. All rights reserved.