

TOSHIBA

BPCI TAPI

TOSHIBA's Microsoft TAPI compliant module for 1st party
Call Control capability

Publication Information

Toshiba America Information Systems, Inc., Digital Solutions Division, reserves the right, without prior notice, to revise this information publication for any reason, including, but not limited to, utilization of new advances in the state of technical arts or to simply change the design of this document.

Further, Toshiba America Information Systems, Inc., Digital Solutions Division, also reserves the right, without prior notice, to make such changes in equipment design or components as engineering or manufacturing methods may warrant.

Version A, March 2005

© Copyright 2005

**Toshiba America Information Systems, Inc.
Digital Solutions Division**

All rights reserved. No part of this manual, covered by the copyrights hereon, may be reproduced in any form or by any means—graphic, electronic, or mechanical, including recording, taping, photocopying, or information retrieval systems—without express written permission of the publisher of this material.

Strata is a registered trademark of Toshiba Corporation. Strategy is a registered trademark of Toshiba America Information Systems, Inc. Strata AirLink is a trademark of Toshiba America Information Systems, Inc.

Trademarks, registered trademarks, and service marks are the property of their respective owners.

Preface

Microsoft TAPI is an industry standard CTI (Computer Telephony Integration) that Microsoft provides. Microsoft TAPI is frequently used to implement such solutions as the Screen pop where the caller's information is automatically popped up on the PC display or power dialing/preview dialing where the user searches the database and selects the person to make a call from the PC.

TAPI can be implemented as the 3rd party call control and the 1st party call control.

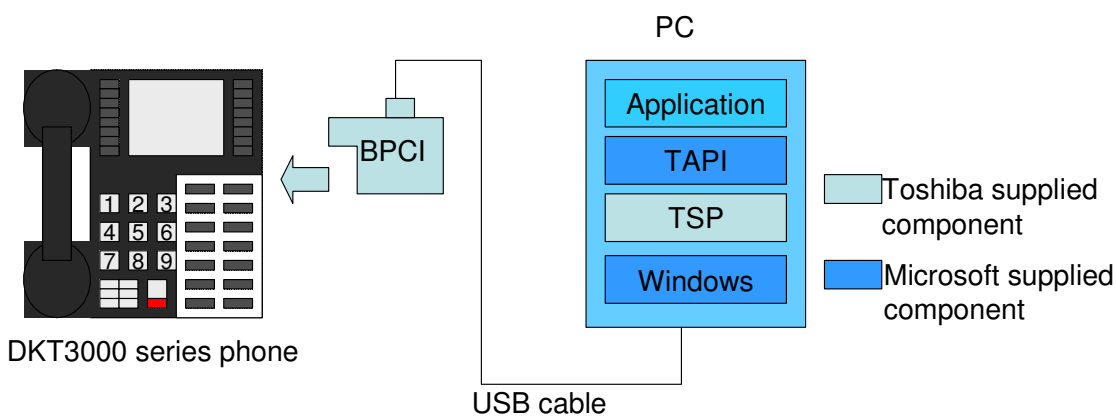
Toshiba's BPCI TAPI provides the easy to use 1st party call control capability by adding a module to DKT3000 series phone (except DKT3001).

Overview

BPCI is a small module that goes inside the DKT3000 series phone (except DKT3001). BPCI provides the USB interface to connect to the PC for the computer telephony integration. All events and commands are passed over the USB.

On the PC, Toshiba provides the TSP (Telephony Service Provider) that bridges the proprietary hardware and software to the Microsoft TAPI. TAPI API itself is provided by Microsoft.

The following figure shows the overall system environment.



Events and commands

Microsoft TAPI defines the standard set of API that includes various events and commands (see Microsoft website for the detail of TAPI).

The following shows the list of events and commands supported by Toshiba implementation of TAPI through BPCI.

[Supported TAPI messages]

lineInitializeEx

lineInitialize

lineShutdown

lineNegotiateAPIVersion

lineNegotiateExtVersion

lineGetDevCaps

lineSetStatusMessages

lineGetID
lineGetAddressCaps
lineGetAddressStatus
lineOpen
lineClose
lineDeallocateCall

lineGetCallInfo
lineGetCallStatus
lineMakeCall
lineDial
lineAnswer
linePickup
lineDeallocateCall
lineHold
lineUnHold
lineGenerateDigits
lineForward
lineRedirect
lineBlindTransfer
lineSetupTransfer
lineCompleteTransfer
lineDevSpecific
lineDevSpecificFeature
lineAddProvider
lineRemoveProvider
lineConfigProvider
lineSetAppSpecific
lineSetMediaMode
lineSetAppSpecific

[Events]

Following events (call status information) is available.

- < End of Document > -