

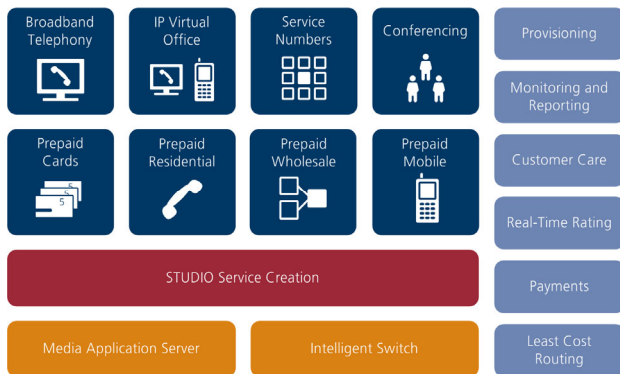
DIGITALK MULTISERVICE PLATFORM

PRODUCT DATA SHEET



MULTISERVICE PLATFORM

The DIGITALK Multiservice Platform offers a highly scalable, high performance, high availability service delivery platform, operating from a small footprint solution to a large scale multi-node deployment. The Multiservice Platform can be deployed in pure IP environments using Media Application servers or using Intelligent Switches where operators are connecting to a TDM and IP networks.



KEY FEATURES

- A range of service-ready applications available
- Highly scalable solution
- High availability with full hardware redundancy
- Supports IP and TDM protocols including SIP, H.323, SS7 and ISDN
- Integrated Payment Server supporting e-commerce
- Web server supporting web based applications
- Replication Server for reporting
- Least cost routing
- Real-time rating
- Prepaid credit control
- Service creation environment
- Full OSS and BSS support

MEDIA APPLICATION SERVER

The DIGITALK Media Application Server is a highly scalable SIP Application Server with integral Media Server functions to enable complete service execution.

The DIGITALK Media Application Server can be deployed standalone or alternatively it can be integrated into a Next Generation Network and has been interconnected with a range of Softswitches, Session Border Controllers (SBC) and Media Gateways.

INTELLIGENT SWITCH

The DIGITALK Intelligent switch is a hybrid TDM / IP service execution environment that can be deployed standalone or integrated within an operator's existing PSTN and / or NGN environment.

DATA SERVERS

DIGITALK's fully redundant, high performance data servers are used to support all active data requirements of the Multiservice Platform.

DIGITALK's Replication Server provides an off-line store of operations and business data as a basis for data archiving and reporting, whether using DIGITALK Reports or third party reporting applications.

SESSION BORDER CONTROLLER

The DIGITALK Session Border Controller provides the features, performance, scalability and security capabilities that enable operators to expand and grow network capacity with the full range of DIGITALK retail and wholesale applications.

LEAST COST ROUTING

Advanced routing management options on the DIGITALK Multiservice Platform include least cost routing and percentage routing.

Least cost routing is an essential capability to allow operators to route calls to the most cost effective carriers in order to maximise margins whilst maintaining call quality.

REAL-TIME RATING

Real-time rating and balance management forms the foundation of DIGITALK's market-leading prepaid services but also enables service providers offering postpaid charging the ability to apply real-time credit control to minimise any risk of revenue loss.

SERVICE CREATION

The DIGITALK STUDIO service creation environment allows platform operators to modify existing services or create completely new services on the DIGITALK Multiservice Platform.

STUDIO is supported by the full range of platform capabilities including call control, validation, IVR, database integration, reporting and real-time rating.

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INTEGRATED OSS AND BSS

The DIGITALK Multiservice Platform includes full OSS and BSS facilities supporting network provisioning and monitoring, least cost routing, service provisioning, customer relationship management, real-time rating management, online payments and integrated reporting.

APPLICATIONS

DIGITALK offers a range of service-ready residential, business and prepaid applications, all supported on the DIGITALK Multiservice Platform. All applications are designed to address the key features needed to access new market opportunities while maximising the return on investment to the service provider.

Service ready applications include:

- Broadband Telephony
- IP Virtual Office
- Service Numbers
- Conferencing
- Prepaid Cards
- Prepaid Residential
- Prepaid Mobile
- Prepaid Wholesale

BROADBAND TELEPHONY

DIGITALK's Broadband Telephony is a complete end to end solution enabling a full residential telephony service with the added benefits of IP calling and value-added advanced service features such as call forwarding and voicemail. The service includes online Web Self-Care enabling subscribers to have control over their service while significantly reducing the customer care overhead for the service provider.

Key features include: On-net and off-net calling; E.164 phone numbers CLIP; CLIR; call forwarding and diversion; multiple lines and users; voicemail to email; Web Self-Care; integrated web phone and comprehensive rating options.

IP VIRTUAL OFFICE

DIGITALK IP Virtual Office provides a scalable solution for service providers to offer hosted communications services to their enterprise customers, either directly or as a 'white label' product via services channels.

The DIGITALK solution is a full turnkey application that includes the calling features and network and services management software. In addition, IP Virtual Office also has full rating and Web Self-Care functionality.

Key features include: auto attendant; extension dialling; group calling; Direct Dial In per user; call forwarding; voicemail to email; call barring; caller screening and fax support.

SERVICE NUMBERS

DIGITALK Service Numbers enables network service providers to offer fully configurable number translation and inbound call management to support a variety of business

scenarios, including call distribution to support centres, freephone services and premium rate number services.

Key features include: number translation; call distribution; geographic routing; time based routing; call screening; percentage routing; multilevel IVR menus; announcements; voicemail and Web Self-Care.

CONFERENCING

DIGITALK Conferencing is a fully featured solution enabling operators to offer inbound voice conferencing services using both traditional landline voice services and to mobile users via a dedicated access number.

Key features include: waiting room; broadcast mode; call recording; roll call; conference locking; participant muting; participant count; silent entry; conference termination; in-call menu and usage limits.

PREPAID CARDS

DIGITALK's market-leading Calling Cards application supports a very large number of service providers across the world from local providers to incumbent network operators generating hundreds of millions of minutes of traffic per month.

As new providers emerge to offer innovative prepaid services and established operators grow, consolidate and migrate to NGN, DIGITALK has continued to lead the market with a highly scalable and flexible solution deployable in both TDM and IP environments.

PREPAID RESIDENTIAL

Residential users can benefit significantly from competitive outbound calling services, particularly those targeted to specific communities for a range of destinations. DIGITALK's prepaid residential applications make it easy for service providers to extend their service offering with a range of prepaid subscription service options.

PREPAID WHOLESALE

Customers of wholesale services may be fixed service providers needing additional terminations or better rates, ISPs looking for cheaper long-distance terminations for an IP telephony service, mobile network operators and MVNOs that offer low-cost international calling service, and call shop owners looking to maximise their call margins.

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