



# Samsung Enterprise IP Solution

# OfficeServ

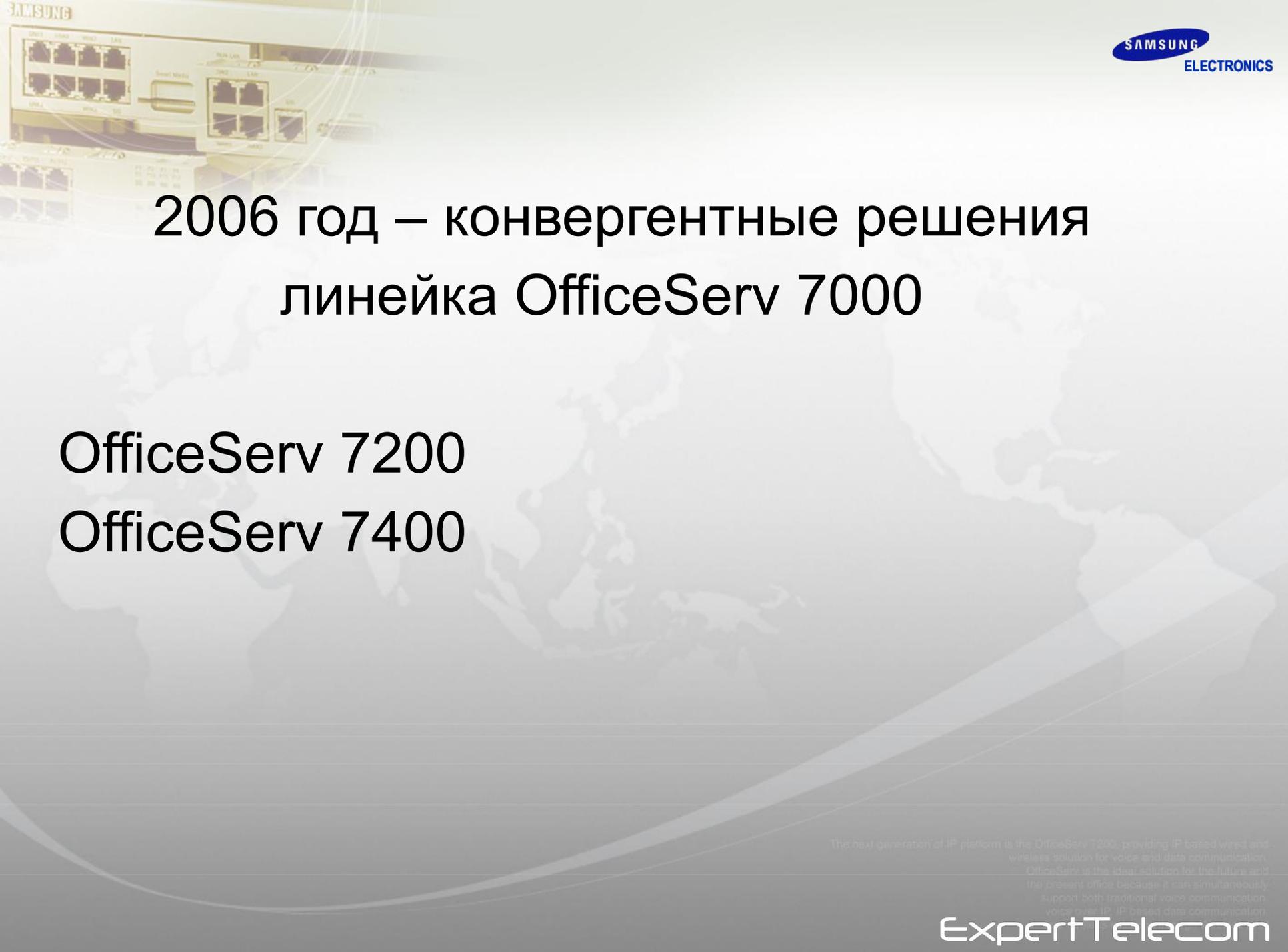
ExpertTelecom

The next generation of IP platform is the OfficeServ T200, providing IP based wired and wireless solution for voice and data communication. OfficeServ is the ideal solution for the future and the present office because it can simultaneously support both traditional voice communication, voice over IP, IP based data communication, and wireless solutions through Wireless LAN.

# Основные преимущества новой линейки OfficeServ

- Гибкость программирования станции
- Интегрированные VoIP возможности
- Организация беспроводной сети передачи голоса и данных на основе технологии IEEE 802.11b WiFi
- Появление новых системных телефонов серии KPDP, IP телефонов серии KPDP
- CTI приложения

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# 2006 год – конвергентные решения линейка OfficeServ 7000

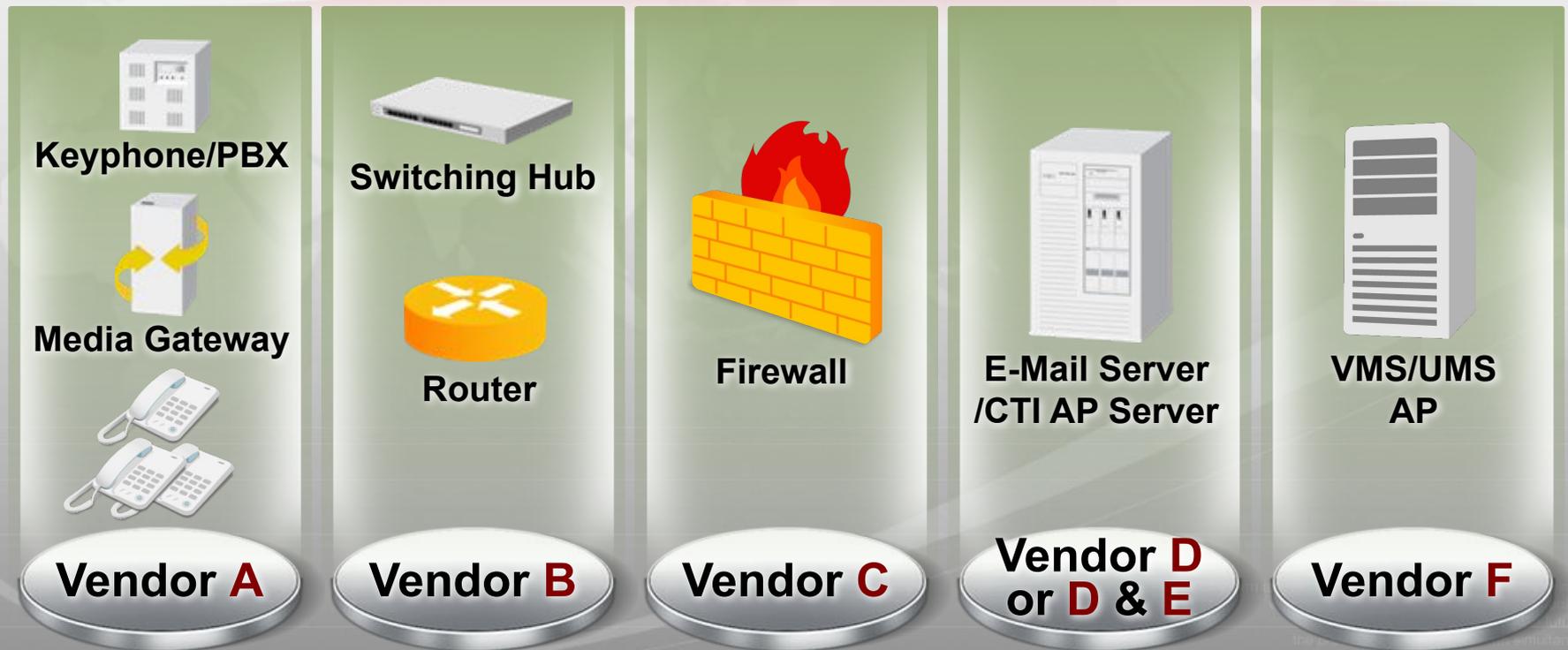
OfficeServ 7200

OfficeServ 7400

The next generation of IP platform is the OfficeServ 7000, providing IP based wired and wireless solution for voice and data communication. OfficeServ is the ideal solution for the future and the present office because it can simultaneously support both traditional voice communication, voice over IP, IP based data communication.

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# Организация телекоммуникационной сети в офисе



# Конвергентные решения Office Serv 7000



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# OfficeServ 7200

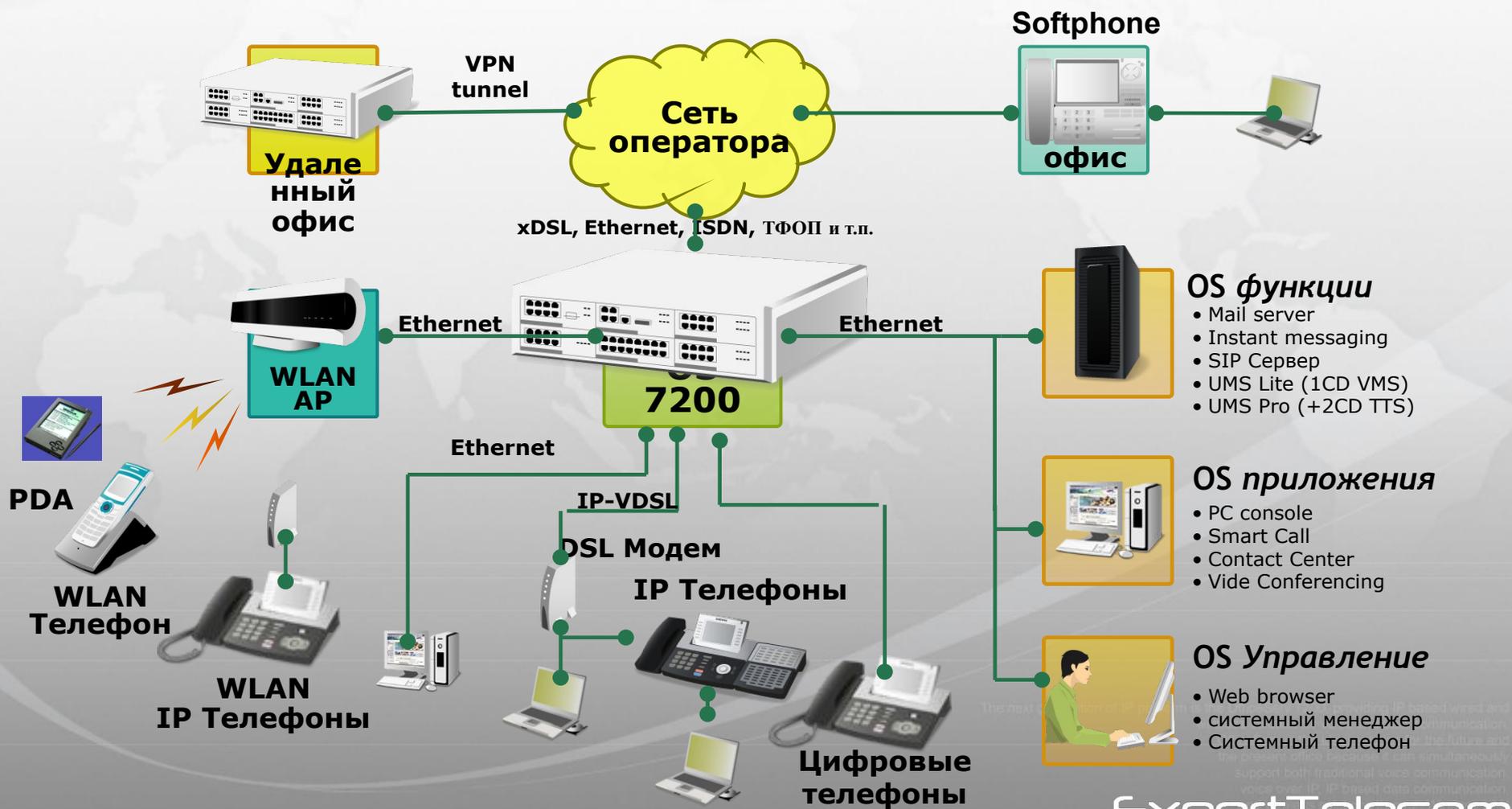
- Двухблочная модульная система
- Voice, Data & wireless конвергентное решение
- Максимальная абонентская ёмкость -160 портов, не считая 120 IP и WLAN телефонов
- Каждая корзина поддерживает до 80 абонентских портов (Keyset/SLI)
- Ёмкость
  - Один блок с PRI – 122 порта, без PRI – 80 портов
  - Два блока с PRI – 216 портов, без PRI – 160 портов

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# Новые функции

- IP маршрутизатор
- Коммутатор 2-го и 3-го уровня
- Защита: Брандмауер, VPN, пакетная фильтрация
- Гарантируемый класс обслуживания
  - Layer2 : 802.1p/q
  - Layer3 : CBQ, RTP Priority Queuing
- Подключение удалённых абонентов по VDSL
- SIP Alg
- VoIP (H.323 v4, SIP v2)
- Организация беспроводной сети передачи данных
- + весь функционал OS 500

# Интегрированная система OfficeServ



## OS функции

- Mail server
- Instant messaging
- SIP Сервер
- UMS Lite (1CD VMS)
- UMS Pro (+2CD TTS)

## OS приложения

- PC console
- Smart Call
- Contact Center
- Vide Conferencing

## OS Управление

- Web browser
- системный менеджер
- Системный телефон

# OfficeServ 7400

HDLC, Highway, Clock



Корзина состоит из 4 полок, на одной полке размещено 3 слота. В сумме корзина состоит из 12 слотов.  
Максимальная ёмкость – 3 корзины, 36 слотов.

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<b>SP40</b>	<b>U-Slot 64</b>	<b>U-Slot 64</b>
<b>MP40</b>	<b>U-Slot 64</b>	<b>U-Slot 64</b>
<b>U-Slot 64</b>	<b>U-Slot 64</b>	<b>U-Slot 64</b>
<b>U-Slot 64</b>	<b>U-Slot 64</b>	<b>U-Slot 64</b>

**Main Rack**

<b>LP40</b>	<b>U-Slot 32</b>	<b>U-Slot 32</b>
<b>U-Slot 32</b>	<b>U-Slot 32</b>	<b>U-Slot 32</b>
<b>U-Slot 32</b>	<b>U-Slot 32</b>	<b>U-Slot 32</b>
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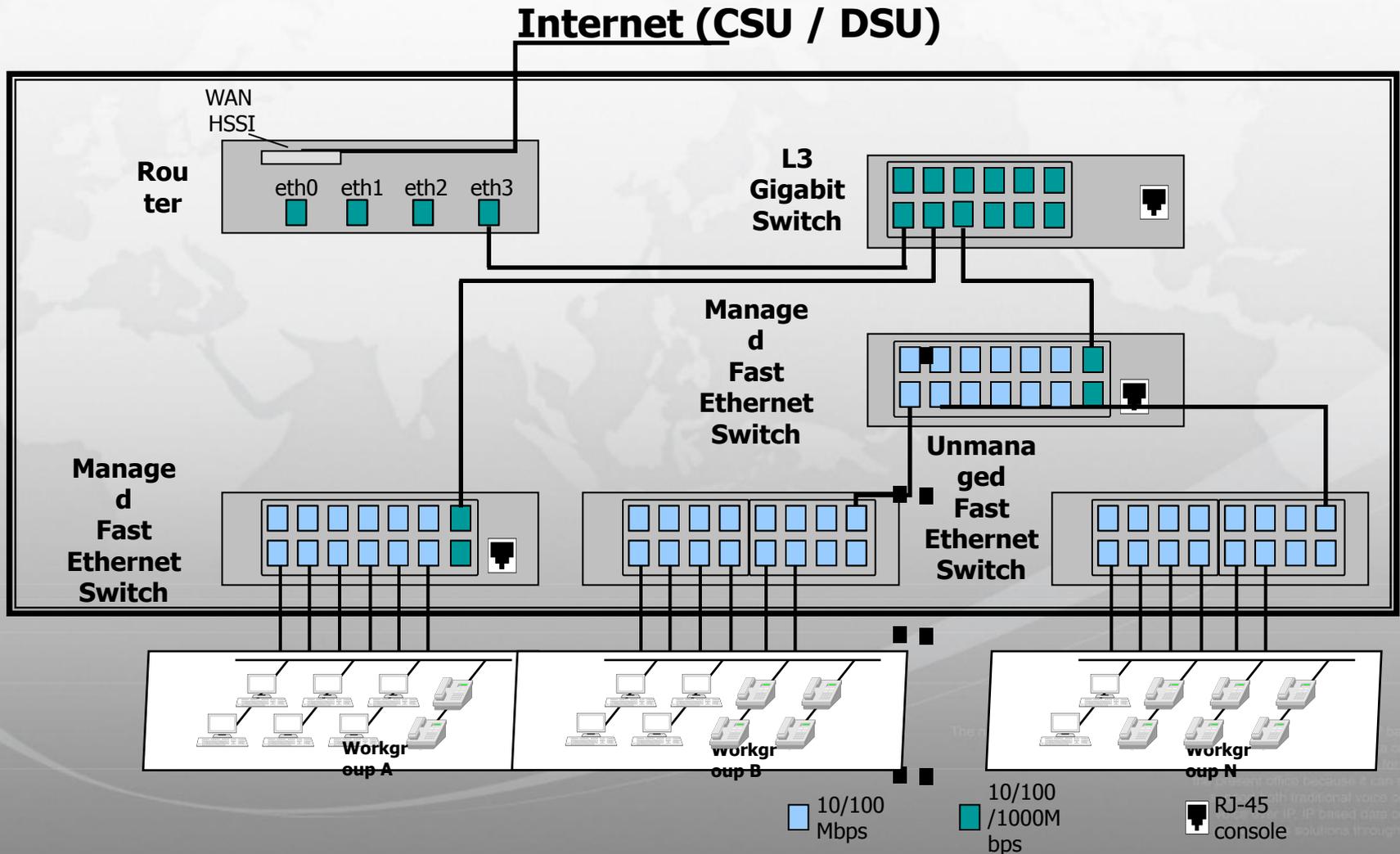
**Exp Rack 1**

<b>LP40</b>	<b>U-Slot 32</b>	<b>U-Slot 32</b>
<b>U-Slot 32</b>	<b>U-Slot 32</b>	<b>U-Slot 32</b>
<b>U-Slot 32</b>	<b>U-Slot 32</b>	<b>U-Slot 32</b>
<b>U-Slot 32</b>	<b>U-Slot 32</b>	<b>U-Slot 32</b>

**Exp Rack 2**

- OfficeServ 7400 физически может быть расширена вплоть до 1,120 портов, но на данный момент максимальная ёмкость составляет 784 порта, включая 240 виртуальных портов.

# Структура модулей передачи данных



# □ New Interface Boards for Data Module

Name	Description
<b>GWIM</b>	Gigabit WAN Interface Module (Router)
<b>GSIM</b>	Gigabit Switch Interface Module, L3 Gigabit Switch
<b>GLIM-P</b>	Gigabit Link Interface Module, L2 Gigabit Switch with PoE
<b>LIM-P</b>	Link Interface Module, L2 Fast Ethernet Switch with PoE * Existing LIM board do not support PoE
<b>Stand-alone PSU</b>	Optional Power Supply Unit. It's very useful for PoE of IP phone, large LCD phone, WLAN AP, etc.  In this time, don't worry about power

## Модульное исполнение OfficeServ

Любая функциональность может быть реализована по мере возникновения потребности

- Модули Аналоговых / Цифровых линий
- Модули Аналоговых / Цифровых телефонов
- Модули VoIP
- Модуль Router / VPN / DHCP / Firewall
- Модули LAN switch
- Модули WLAN
- Модули vDSL

The next generation of IP platform is the OfficeServ 1200, providing IP based wired and wireless solution for voice and data communication. OfficeServ is the ideal solution for the future and the present office because it can simultaneously support voice and IP based data communication.

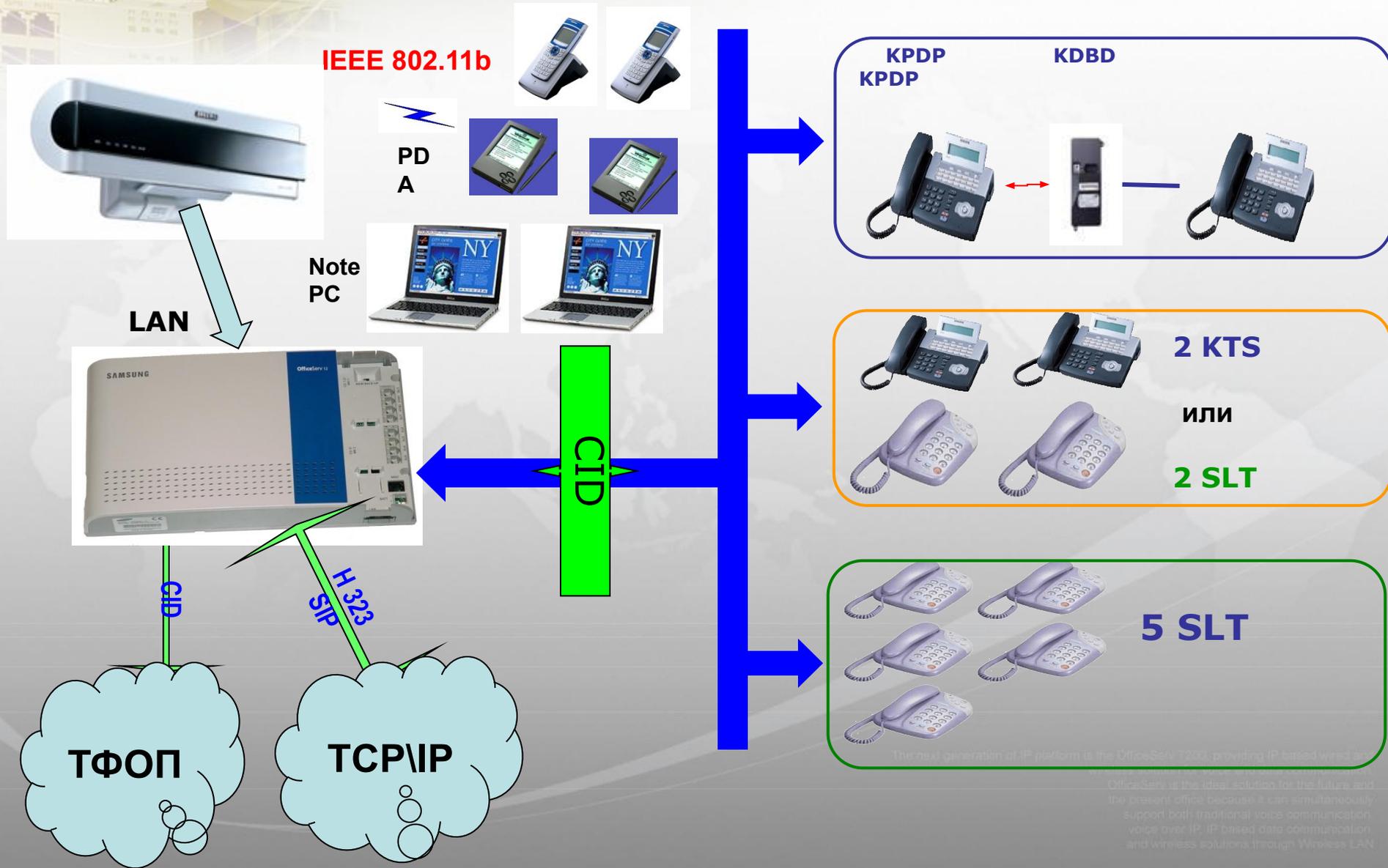
# OfficeServ 12



The next generation of IP platform is the OfficeServ T200, providing IP based wired and wireless solution for voice and data communication. OfficeServ is the ideal solution for the future and the present office because it can simultaneously support both traditional voice communication, voice over IP, IP based data communication, and wireless solutions through Wireless LAN.

# OffiseServ 12 архитектура

<p><b>Базовый блок</b></p>	<p>Главный процессор MPC855, Память (Flash/SRAM/DRAM)          Контроллеры : STC9604, CPLD - программируемая логика и др.  <b>Интерфейсы 1 DLI(2B+D) + 5SLI + 2 DLI или 2 SLI)</b>  <b>H.323</b>          CID Rx/Tx DSP Логика          2 порта LAN, 1 Внешний музыкальный источник          Стык с ТФ ОП (4 Аналоговых линии или 2 порта BRI, 4 VoIP канала)          Источник питания</p>
<p><b>4TRK</b></p>	<p>4 Аналоговых внешних линии с функцией Euro CID          1 порт с переключением линии при потере питания</p>
<p><b>2BRI</b></p>	<p>2 порта ISDN для режимов NT или TE (програмно)</p>
<p><b>MGI</b></p>	<p>4 DSP кодека + RAM, компрессия (G.723/G.729/T.38)</p>
<p><b>AP</b></p>	<p>Ethernet 10/100 Base T</p>



The next generation of IP platform is the OfficeServer 1200, providing IP based wired and wireless solutions for the future office. OfficeServer 1200 is the ideal solution for the future and the present office because it can simultaneously support both traditional voice communication, voice over IP, IP based data communication, and wireless solutions through Wireless LAN.

# SOHO Master



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## 1. Основное предназначение

- Использование беспроводных телефонов и Internet в домах и малых офисах
- Voice + LAN Convergence product with Easy & Self Installation

## 2. Концепции создания продукта

- Конвергенция голоса и данных
- Доступ к 2 городским линиям и возможности беспроводной IP телефонии
- Беспроводная точка доступа к LAN

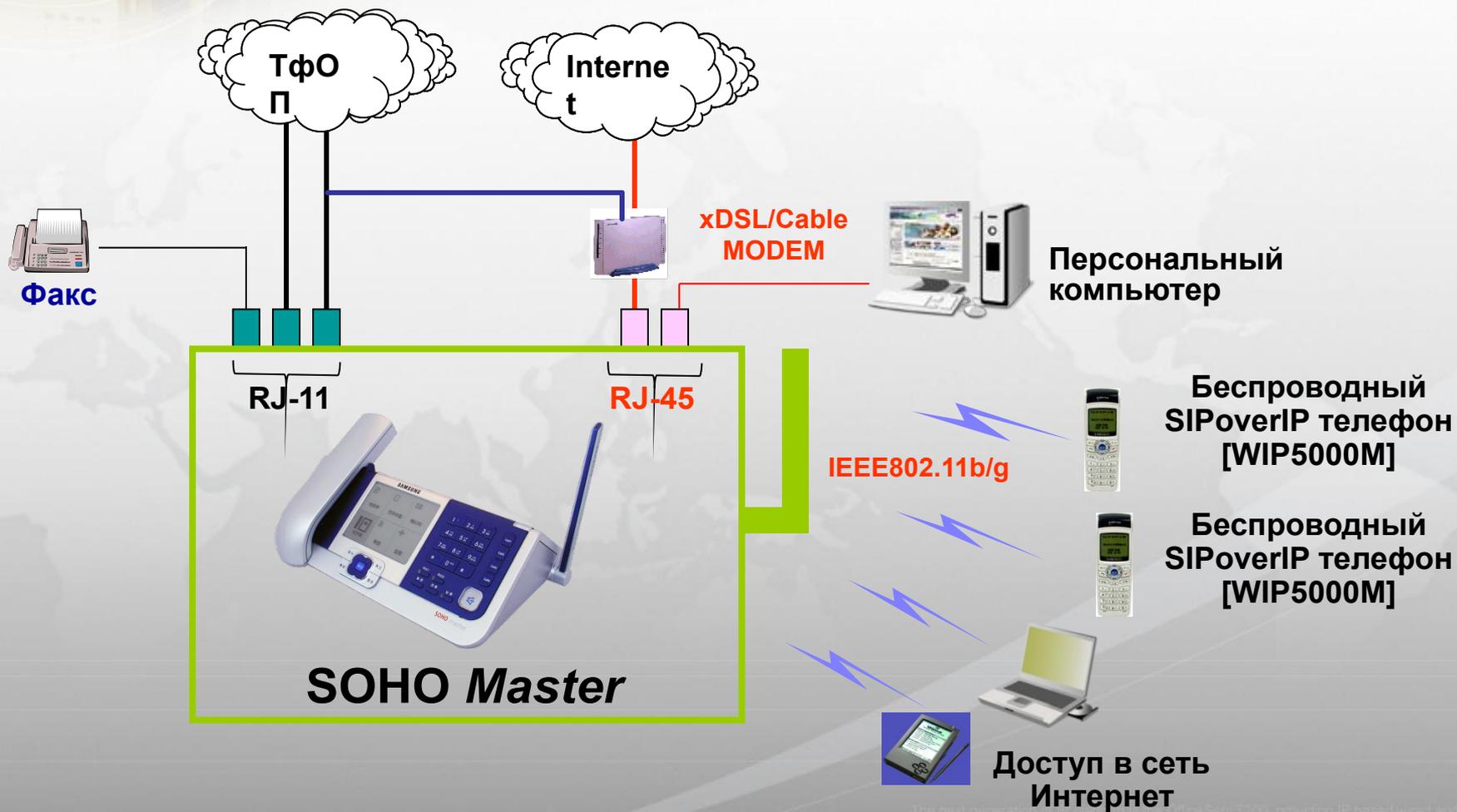


Традиционные концепции

КОНВЕРГЕНЦИЯ



Концепция конвергентности



The next generation of office telephony is here. The Samsung OfficeSery T2000, providing IP based wired and wireless solution for voice and data communication. OfficeSery is the ideal solution for the future and the present office because it can simultaneously support both traditional voice communication, voice over IP, IP based data communication.