technicolor

MediaAccess - SERVICE GATEWAYS

POWERFUL DIGITAL HOME SOLUTIONS FOR THE ULTIMATE END-USER EXPERIENCE!

Incredible Speed,

The newest technologies and an optimized architecture for
true ultra broadband high speed data & video transfer and real time media sharing!

Connectivity,

Seamless media access & content sharing from any device to any device.
No matter where you are, the right Quality of Service & Experience are guaranteed!

... and Openness

Powered by one single future-proof Technicolor Digital Home Software, our open & dynamic
service platforms open your world to a whole host of cutting-edge services and applications!

... over any network,

We at Technicolor offer you true access agnostic ultra broadband,
ranging from ADSL2+, VDSL2 and Fiber to Cable: name your flavor, we have it!

... at a reduced Total Cost of Ownership (TCO)!

Our standard compliant, high quality & reliable Service Gateways help operators lower
their OPEX through ease of use, value-added features, services and applications.

...BY IMPROVING THEIR TOTAL COST OF OWNERSHIP (TCO)!

At Technicolor it is our priority to deliver fully standard compliant, high quality and reliable products, making the Digital Home a profitable reality! By enriching our Service Gateway platform with open software modules to introduce new value-added features, services and applications, we help lower your operational costs (OPEX) and reduce churn considerably. No need to deploy new devices to perform those services: our own Technicolor open software runs smoothly on any of our platforms.
Hence: lower maintenance costs, higher ARPU and more margin per subscriber!

TCO reduction is embedded in the DNA of our Technicolor Gateways:

High quality and reliable Hardware compliant with all global standards

Reduce your customer support costs

SELF CARE

HELP DESK
1st line support

HELP DESK
2nd line support

TRUCK ROLLS

Tailored software solutions to reduce your OPEX

KEY CONTRIBUTORS TO OPERATORS OPEX	OUR TCO TOOLBOX
CALL CENTER TRAFFIC	• Self care via web portal apps • Remote management • Diagnostics & monitoring • AutoWAN sensing™ • Customizable UI
TRUCK ROLLS	
QA/LAB TESTING	• Management interfaces, parameters & SDKs • Diagnostics & monitoring
NETWORK MANAGEMENT	• XML web service API • Remote & local config
MAINTENANCE & UPGRADE	• Dual/single bank wizard • TR-69 software upgrade • Remote reconfig

Less OPEX!
- Our state-of-the-art, high quality and reliable hardware and software are not only fully compliant to the latest standards, but also very easy to install and use (e.g. self care GUI, self-install wizard, AutoWAN sensing™ config)
- We offer you user-friendly remote access and control from anywhere (e.g. monitoring with tailored live diagnostics, extensive remote management & maintenance, ...)
- Our integrated help desk guarantees improved first time right response

More ARPU, less CHURN!
- Our Service Gateways act as true central hubs for seamless media & content sharing and advanced telephony services
- As expert leader in Gateway software, we keep your customers engaged by giving them access to a whole host of unlimited services and applications (e.g. personal media management, home automation, energy monitoring, back-up & restore, ...)
- Along with our own high standard hardware and open software, we also offer fast turn-around customizations (innovative dedicated product design, tailored UI, ...)

Technicolor has the experience and expertise to lower essential parts of your TCO. Get in touch with us to find out more!

ADSL2+ SOLUTIONS

TG582n - Best in Class Entry-Level Wireless n ADSL2+ Gateway

Main Interfaces

- WAN: ADSL2+
- LAN: 4-port Fast Ethernet (3 LAN / 1 WAN optional)
- WiFi: 802.11n 2x2 (2.4 GHz)
- 8/64 MB of memory (16/64 optional for robust upgrade)
- 1 x USB 2.0 master

Key features

- Future proof memory
- Excellent routing performance
- 3G backup
- Media sharing (DLNA certified)
- WPS & WiFi on-off button
- G.INP
- IPv6 ready

TG587n v3 - Wireless n Multi-Service Gateway for ADSL and Fiber Networks

Main Interfaces

- WAN: - ADSL2+
-     - 1-port Gigabit Ethernet
- LAN: - 3-port Fast Ethernet
-     - 1-port Gigabit Ethernet
- WiFi: 802.11n 2x2 (2.4 GHz)
- 64/128 MB of memory
  (2x32 MB dual bank flash SW Upgrade)
- 2 x USB 2.0 master (1 being 1mA capable)

Key features

- Ultra Broadband ready:
    - AutoWAN sensing™
    - processing power till 400 Mbps routed
- Future proof full service platform (powerful memory and cache, dual core CPU, OSGi ...)
- Media sharing (DLNA certified)
- Extensive remote management
- ECO button for energy savings

TG703 - Entry-Level Integrated Access Device

Main Interfaces

- WAN: ADSL2+
- LAN: 4-port Fast Ethernet
- Voice: 1 FXS
- WiFi: 802.11n 1x1 (2.4 GHz)
- 8/32 MB of memory

Key features

- Triple Play
- WPS button
- Remote management
- Built-in firewall
- Very low power consumption

TG784n v3 - Wireless n VoIP Gateway for ADSL and Fiber Networks

Main Interfaces

- WAN: - ADSL2+
        - 1-port Gigabit Ethernet
- LAN: - 3-port Fast Ethernet
        - 1-port Gigabit Ethernet
- Voice: 2 FXS, 1 FXO (optional)
- WiFi: 802.11n 2x2 (2.4 GHz)
- 64/128 MB of memory
  (2x32 MB dual bank flash SW Upgrade)
- 2 x USB 2.0 master

Key features

- Ultra Broadband ready:
    - AutoWAN sensing™
    - processing power > 400 Mbps routed
- Future proof full service platform
  (powerful memory and cache, dual core CPU, OSGi ...)
- Media sharing (DLNA certified)
- Extensive remote management
- Built-in stateful firewall, parental control
- ECO button for energy savings

TG797n v3

Wireless n VoIP Gateway with embedded DECT for ADSL and Fiber Networks

Main Interfaces

- WAN: - ADSL2+
        - 1-port Gigabit Ethernet
- LAN: - 3-port Fast Ethernet
        - 1-port Gigabit Ethernet
- Voice: 1 FXS, 1 FXO (optional)
- integrated DECT multiline base station
  (CAT-iq 2.0 ready)
- WiFi: 802.11n 2x2 (2.4 GHz)
- 64/128 MB of memory
  (2x32 MB dual bank flash SW Upgrade)
- 2 x USB 2.0 master

Key features

- Ultra Broadband ready:
    - AutoWAN sensing™
    - processing power till 400 Mbps routed
- Future proof full service platform
  (powerful memory and cache, dual core CPU, OSGi ...)
- Media sharing (DLNA certified)
- Extensive remote management
- Built-in stateful firewall, parental control
- HD voice ready (g.722.2)
- ECO button for energy savings

works best with TH68 cordless handset (up to 5 simultaneous handsets)

ULTRA BROADBAND VDSL2 SOLUTIONS

TG589vn v2 - Wireless n Ultra Broadband Gateway

Main Interfaces

- WAN with AutoWAN sensing™: ADSL2+, VDSL2
- LAN: 4-port Fast Ethernet
- WiFi: 802.11n (2.4 GHz)
- 64/64 MB of memory (dual bank flash)
- 1 x USB 2.0 master

Key features

- Innovative easy customizable design
- Future proof full service platform
  (powerful memory and cache, dual core CPU, OSGi ...)
- Media sharing (DLNA certified)
- Extensive remote management
- IPv6 ready
- ECO button for energy savings

TG788vn - Wireless n VoIP Ultra Broadband Gateway

Main Interfaces

- WAN with AutoWAN sensing™: ADSL2+, VDSL2
- LAN: 4-port Fast Ethernet
- Voice: 2 FXS ports
- WiFi: 802.11n (2.4 GHz)
- 64/128 MB of memory (dual bank flash)
- 1 x USB 2.0 master

Key features

- Innovative easy customizable design
- Future proof full service platform
  (powerful memory and cache, dual core CPU, OSGi ...)
- Media sharing (DLNA certified)
- Extensive remote management
- IPv6 ready
- ECO button for energy savings

TG789vn v3 - Wireless n VoIP Ultra Broadband Gateway for VDSL and Fiber Networks

Main Interfaces

- WAN with AutoWAN sensing™: - ADSL2+, VDSL2
                              - 1-port Gigabit Ethernet
- LAN: 4-port Fast Ethernet
- Voice: 2 FXS & 1 FXO
- WiFi: 802.11n (2.4 GHz)
- 64/128 MB of memory (dual bank flash)
- 2 x USB 2.0 master

Key features

- Innovative easy customizable design
- Future proof full service platform
  (powerful memory and cache, dual core CPU, OSGi ...)
- Media sharing (DLNA certified)
- Extensive remote management
- IPv6 ready
- ECO button for energy savings

ULTRA BROADBAND VDSL2 SOLUTIONS

TG799vn v2

Wireless n VoIP Ultra Broadband Gateway with embedded DECT for VDSL and Fiber Networks

Main Interfaces

- WAN with AutoWAN sensing™:   - ADSL2+, VDSL2
                                                    - 1-port Gigabit Ethernet
- LAN: 4-port Gigabit Ethernet
- Voice: 2 FXS & 1 FXO
- integrated DECT multiline base station
  (CAT-iq 2.0 ready)
- WiFi: 802.11n 2x2 (2.4 GHz)
- 128/256 MB of memory (dual bank flash)
- 2 x USB 2.0 master

Key features

- Innovative easy customizable design
- Future proof full service platform
  (powerful memory and cache, dual core CPU, OSGi ...)
- Media sharing (DLNA certified)
- Wideband audio: g.722 and g722.2
- Extensive remote management
- IPv6 ready
- ECO button for energy savings

works best with TH68 cordless handset (up to 5 simultaneous handsets)

TG799vn v2 5GHz

Advanced Wireless n VoIP Ultra Broadband Gateway with embedded DECT for VDSL and Fiber Networks

Main Interfaces

- WAN with AutoWAN sensing™:
      - ADSL2+, VDSL2 30a profile
      - 1-port Gigabit Ethernet
- LAN: 4-port Gigabit Ethernet
- Voice: 2 FXS & 1 FXO
- integrated DECT multiline base station
  (CAT-iq 2.0 ready)
- **WiFi dual concurrent: 802.11n 2x2 (2.4 GHz) & 3x3 (5 GHz)**
- 128/256 MB of memory (dual bank flash)
- 2 x USB 2.0 master

Key features

- Innovative easy customizable design
- Future proof full service platform
  (powerful memory and cache, dual core CPU, OSGi ...)
- Media sharing (DLNA certified)
- Wideband audio: g.722 and g722.2
- Extensive remote management
- IPv6 ready
- ECO button for energy savings

works best with TH68 cordless handset (up to 5 simultaneous handsets)

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ULTRA BROADBAND FIBER SOLUTION

TG1700 - Integrated GPON Service Gateway

Main Interfaces

- WAN: 2.5/1.25 Gbps GPON port
- LAN: - 4-port Gigabit Ethernet
          - CATV port for downstream RF video overlay
- Voice: 2 FXS ports
- WiFi: 802.11n 2x2 (2.4 GHz)
- 64/128 MB of memory (dual bank flash)
- 2 x USB 2.0 master
- 10 Gig filter (compatibility with 10G-PON)

Key features

- Single box solution combining GPON ONT
  and Service Gateway
- Innovative easy customizable design
- Best in class WAN to LAN performance
- Future proof full service platform
  (powerful memory and cache, dual core CPU, OSGi ...)
- Media sharing (DLNA certified)
- Extensive remote management
- IPv6 ready
- ECO button for energy savings

CABLE SOLUTION

TWG871L (EMEA) / DWG876L (US)
Advanced (Euro)DOCSIS 3.0 Cable Service Gateway for Cable and Fiber Networks

Main Interfaces

- WAN:- Cable based on 3383 processor
        8x4 with full band capture
       - 1-port Gigabit Ethernet
- LAN: 4-port Gigabit Ethernet
- Voice: 2-port RJ11 FXS
- WiFi: 802.11n 3x3 (2.4 GHz)
        & 3x3 (5 GHz) (dual concurrent optional)
- 64/128 MB of memory (dual bank flash)
  (128/256 MB optional)
- 2 x USB 2.0 master
- Battery backup (US version only)

Key features

- Dual mode (Euro)DOCSIS 3.0 certified
- (Euro)PacketCable 1.5 / 2.0 or SIP support
- Future proof full service platform
  (powerful cache, Linux application core, OSGi...)
- Multiple SSIDs, free open network
- Extensive remote management
- IPv6 & L2VPN support
- Optional MoCA interface
- Optional DECT

COMPATIBLE IP DECT SOLUTIONS

TH68 - Advanced Telephony Services DECT Handset

Design

- Original & ergonomic design
- New modern MMI
- High quality 1.8" TFT color display
- 2 soft keys + navigation keys
- LEDs provide visual information

Key features

- Wideband audio
- Advanced voice services
- CAT-iq v2.0 ready
- Software upgrades over the air

works best with TG797n & TG799vn Service Gateways and VIP DECT

VIP DECT 1.0 / 2.0 - DECT Base Station for Advanced Services

Main Interfaces

- 1 Ethernet Access
- 1 FXO for PSTN backup (optional)
- **VIP DECT 2.0 only:** 1 FXS
- 1 LED
- 1 button (switch on/off)
- 1 button (pairing and paging)
- Optimized wall mountable design

Key features

- Up to 7 handsets and 4 simultaneous HD calls
- Wideband audio: g.722 and g.722.2
- Shared local phone book and call log
- CAT-iq v2.0 ready
- Advanced SIP stack and STUN support
- Several provisioning systems
- Remotely upgradable firmware

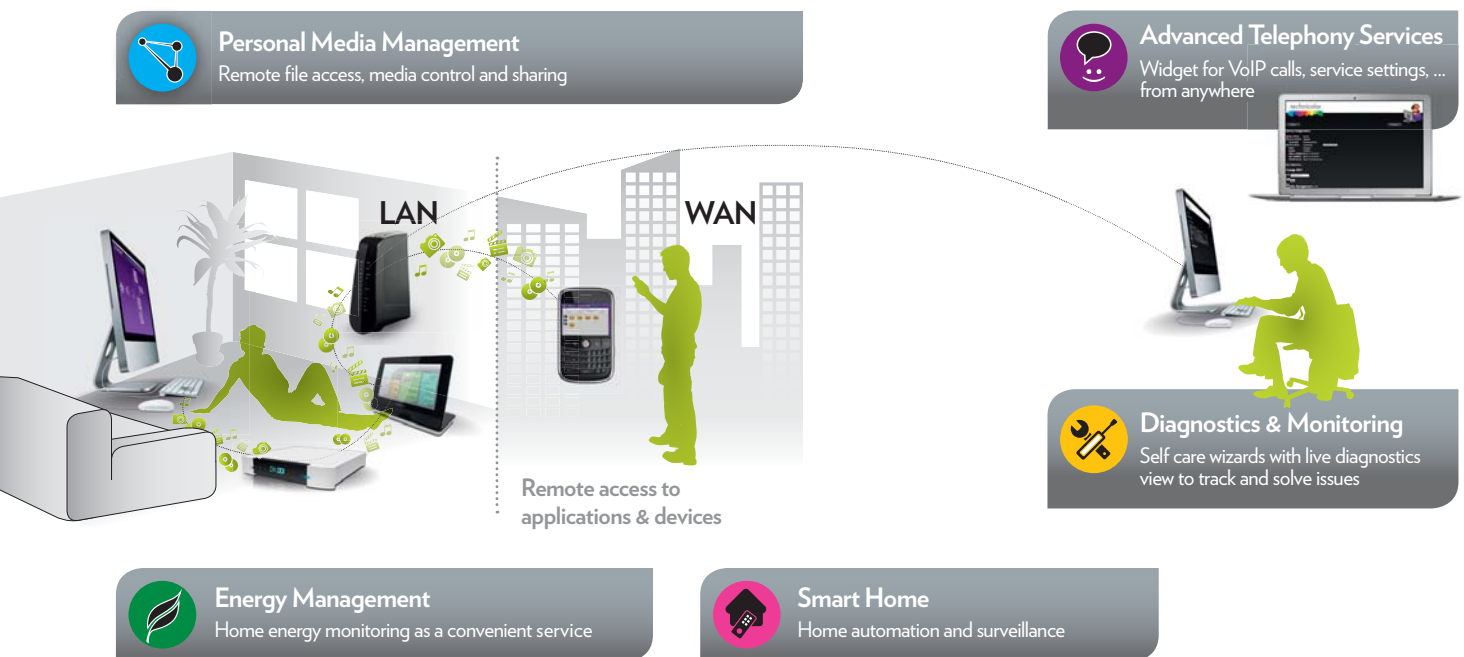**works best with TH68 cordless handset (up to 5 simultaneous handsets)**

SOFTWARE & SERVICES...

... FOR A COMPLETE AND OPEN END TO END SOLUTION!

Drawing on its many years of experience in home networking and open platform technologies, Technicolor is your ideal partner in the delivery of high performance Service Gateways boasting **one single future proof service memory platform**.
Our robust engine (application core powered by the latest Technicolor middleware with OSGi) opens your world to a broad spectrum of demanding features, services and applications, **making the Digital Home a reality**.

A selection of **applications** that we can readily deliver on our central hubs for unlimited media and content sharing today:

Personal Media Management
Remote file access, media control and sharing

Advanced Telephony Services
Widget for VoIP calls, service settings, ... from anywhere

LAN   WAN

Remote access to applications & devices

Diagnostics & Monitoring
Self care wizards with live diagnostics view to track and solve issues

Energy Management
Home energy monitoring as a convenient service

Smart Home
Home automation and surveillance

These apps are open for customization and extension through **own or third party application development** and **Software Development Kits** (SDKs). In addition, our open and dynamic platforms enable a full **LAN/WAN ecosystem** with integration of our Technicolor back-end applications and diagnostics server. Hence, placing a whole host of **network based services for remote access and control** at your fingertips, while maintaining a **high Quality of Service and Experience** all the way!

... FOR EXPERT GUIDANCE EVERY STEP OF THE WAY!

Together with our complete and open end-to-end solutions, Technicolor presents a wide array of **Professional Services** to make life easier and more valuable for our customers.
Some examples of what we have to offer:
• **Logistics:** hardware life cycle operations such as repair, integrated stock control, recycling, refurbishing, ...
• **Support & Maintenance** contracts of various and dedicated service levels
• **Customization:** from basic tailoring of existing services to full-blown customer specific developments and network integration
• Missions to optimize your **Total Cost of Ownership** (TCO)
• A great variety of innovative **product design services**

EXTENSIVE WORLDWIDE PRESENCE

Vancouver

Indianapolis

London Piaseczno

Paris Beijing

Palo Alto Rome

Hollywood Madrid

Bangkok

Bangalore

Sydney

Vancouver	Palo Alto	Mexico	Rennes	Piaseczno	Beijing
Hollywood	New York	Manaus	London	Rome	Bangkok
Indianapolis	Guadalajara	Paris	Madrid	Bangalore	Sydney

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