Vodafone Secure Remote Access

Vodafone Secure Remote Access seamlessly integrates connectivity and security.

Remote working is now a part of everyday life

Around the world, some 800 million people use their PCs to work more productively when they're away from the office[1].

But that flexibility brings challenges — how can your people access business critical information quickly and securely when they're working remotely?

Vodafone Secure Remote Access seamlessly integrates connectivity and security — it gives your people a single way of connecting securely to enterprise networks, whether it's via wireless broadband or fixed line access. It's a long-term connectivity and security platform that works alongside your existing security infrastructure to reduce the cost of supporting your remote workers.

Vodafone Secure Remote Access allows you to:

Connect your people to the internet and enterprise networks when they're working away from the office — it's simple and cost-effective for your business.	**Protect your PCs by enforcing IT policies and ensuring security applications are up to date and active.**	**Control and centrally manage your software, data, connectivity and costs for remote PCs.**

1. IDC, worldwide mobile worker population 2007–2011 forecast.

Make the most of now

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Connect freely

Vodafone Secure Remote Access automatically detects authorised, available networks and gives your remote workers a choice of access options. A single interface makes access easy – unlike multiple software applications – and can help cut calls to the helpdesk.

Once an access method has been selected by the user, a check will be made to ensure the PC is in compliance. A connection to the internet or network will only be allowed when this has been confirmed and the user authenticated.

The user can also access further information about which local security applications are running (Anti Virus, VPN and Personal Firewall), and details of applications that may have failed to run. If Vodafone Secure Remote Access detects a problem or a non-compliant PC, it can take a range of remedial actions – such as attempting to re-start applications or terminating network connections.

User is authenticated and connects.

User can view active security applications.

Protect your network, people and PCs

By integrating Vodafone Secure Remote Access into your IT infrastructure, you can enhance security with an extra layer that protects your network, data, users and hardware.

Protecting remote communications

Only authorised users have access to the network. Features such as user authentication and enforced launch of VPN prevent unauthorised access and protect communications across the internet.

Always-on protection

Always-on security features mean that your remote PCs can't be used as gateways into your network for hackers and viruses. Vodafone Secure Remote Access monitors key security applications from start-up to shut-down, and they can be re-started or updated automatically.

Application control

By preventing downloads and the use of unapproved applications, Vodafone Secure Remote Access can reduce the threat of viruses. Application blacklists ensure PCs are used for business only, network viruses are less likely to spread, and your remote workers remain productive.

Control and manage your remote PCs

Reporting

Comprehensive management information gives you the data to ensure your people are making the most of remote working.

Information on individual usage enables you to profile users so you can determine the most cost-effective tariff for each individual.

Cost

Remote access costs may sometimes be buried in expense claims, and contracts with multiple network service providers make it more difficult to measure the true cost of remote working.

Vodafone enables you to reduce access and administration costs through a range of flexible tariffs – making costs more transparent and predictable.

Support

We offer a range of support services to ensure any issues and queries are resolved quickly via a single point of contact; helping your people to remain productive.

Choice of access options from from a single user interface:
- **Mobile broadband**
- **DSL**
- **WiFi**
- **ISDN**
- **Dial**
- **Ethernet.**

Features:
- **Single interface for all access methods**
- **Central policy management platform**
- **Continual monitoring of firewall and Anti Virus software**
- **Access usage and cost reporting.**

Support service includes:
- **Helpdesk to helpdesk technical support**
- **Replacement device requests for faulty equipment**
- **User provisioning**
- **Emergency suspension of service**
- **Password resets**
- **Monthly reporting of service performance.**

Vodafone Secure Remote Access architecture

Vodafone Secure Remote Access consists of:

- **Vodafone Secure Remote Access software**
  A policy based desktop application that gives remote workers secure access to business critical information residing on enterprise networks.
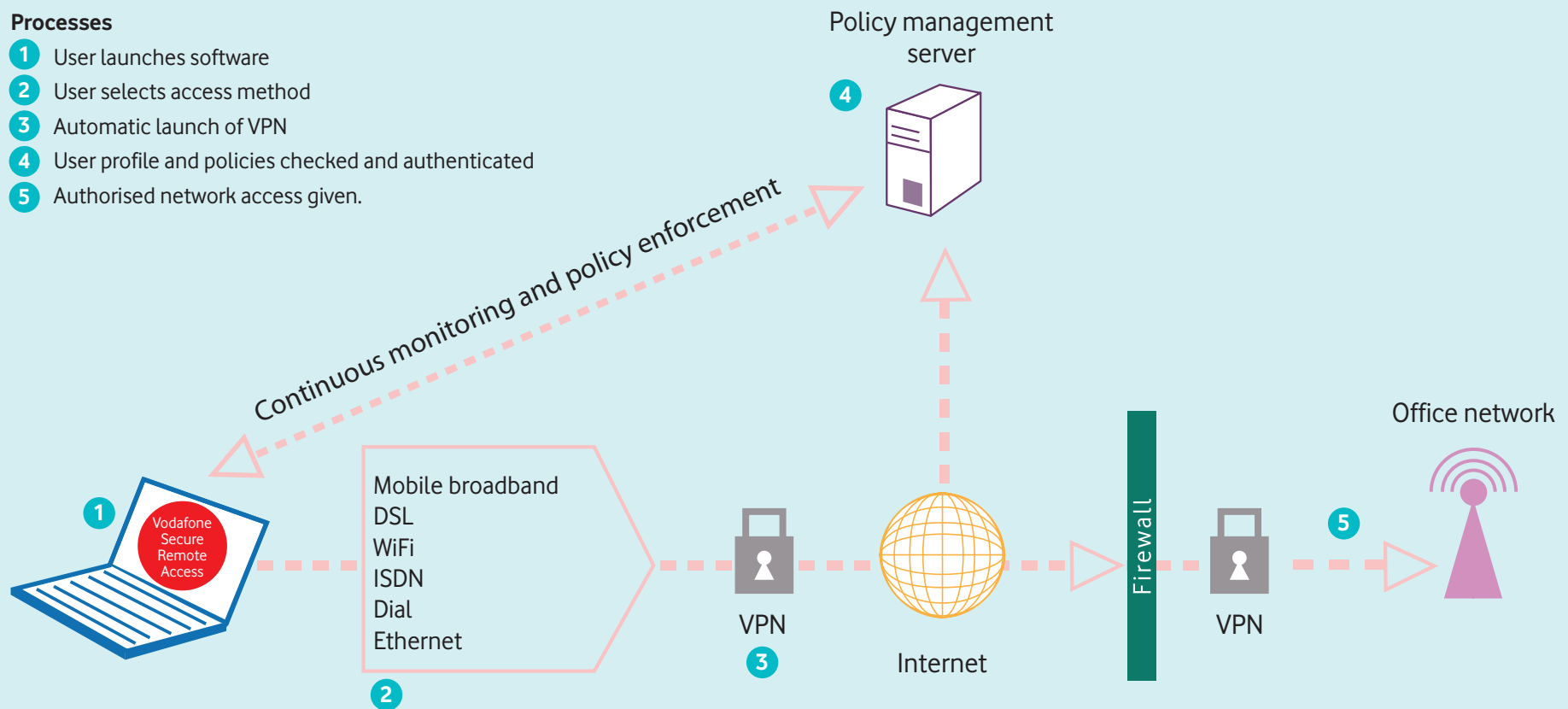
- **Policy management platform**
  This controls policy and configuration settings for security and connectivity services. Policies can be set for different user groups, and even for specific individuals, based on job functions, location and other factors.

Vodafone Secure Remote Access continually checks that security applications are running, are up to date and that IT policies are enforced.

Processes

1. User launches software
2. User selects access method
3. Automatic launch of VPN
4. User profile and policies checked and authenticated
5. Authorised network access given.

Policy management server

Continuous monitoring and policy enforcement

Mobile broadband
DSL
WiFi
ISDN
Dial
Ethernet

VPN

Internet

Firewall

VPN

Office network

Technical summary

Supported operating systems	• Windows 2000 • Windows XP Professional • Windows XP Home Edition • Vista Enterprise/Business (32-bit).
Minimum system requirements	• Pentium III, 500MHz processor • At least 200 MB of available hard disk space • Minimum of 512 MB Ram (1 Gigabyte recommended) • Windows 2000, XP Professional, or XP Home Edition, Vista • Microsoft Internet Explorer 7.0 • VGA resolution (16-bit or 24-bit colour SVGA recommended) • Connectivity device (e.g. modem, mobile data card, WiFi capability etc).
Compatible personal firewall applications.	• Checkpoint Integrity Desktop • Checkpoint Integrity Secure Client (firewall component only) • ISS RSDP • ISS Proventia Desktop • McAfee Desktop Firewall • McAfee Entercept Desktop Agent (firewall component only) • McAfee Personal Firewall Plus 2006 • Microsoft Internet Connection Firewall • Norton Personal Firewall 2006 • Sygate Personal Firewall/Firewall Pro • Sygate Secure Enterprise Security Agent (firewall component only) • Zone Alarm/Zone Alarm Pro.

Supported SSL VPNs	• Juniper Network Connect • F5 FirePass • Aventail.
Supported client based VPNs	• Cisco • Nortel • Checkpoint • Aventail • Array Networks • Microsoft • IBM WECM.
Anti Virus	• Symantec • McAfee • eTrust • Trend micro Antivirus.

Vodafone Secure Remote Access will integrate with a range of mobile broadband devices and built-in mobile broadband laptop vendors.

Mobile broadband device	• Vodafone USB Modems • Vodafone ExpressCards
Built-in mobile broadband laptop vendors	• Dell • Lenovo • Hewlett Packard.

Vodafone Secure Remote Access is part of a range of integrated connectivity and security products offered by Vodafone. We also offer a range of professional services to assist in planning and deploying solutions. Contact your Vodafone Account Manager for more details.

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