



Protiva™ 535 Device

Protecting your network identities

FINANCIAL SERVICES & RETAIL

ENTERPRISE>PRODUCT

INTERNET CONTENT PROVIDERS

PUBLIC SECTOR & TRANSPORT

TELECOMMUNICATIONS



gemalto
security to be free

Protiva™: A Flexible Authentication Platform

The Protiva device family line has expanded to include a variety of form factors, which provide flexibility for easy user adoption. As part of the Protiva Strong Authentication suite, these devices protect network identities and information using the strength of smart cards. In addition, they protect against key logging, shoulder surfing and password cracking, and also help guard against phishing attacks when connected to the network.

The Protiva devices are available in two series: connected mode (USB connector) or stand-alone mode (no USB connector). The wide variety of devices enables any user, whether at home, traveling or mobile, to generate a one-time password and logon securely:

The stand-alone Protiva 335 and 350 devices have a zero footprint and require no middleware. Included in the Protiva connected devices are the 530, 535, 570 and SDC (Secure Digital Companion). Additionally the Protiva 570 and SDC can work in both connected and stand-alone mode as these devices have both a USB connector and one-time password (OTP) display.

> Protiva 535

The Protiva 535 offers all the power of a multi-application dynamic smart card in a USB device, ideal for users who require a combination of security and portability. Working in a connected mode, the Protiva 535 leverages Gemalto's .NET smart card technology. The device houses a Gemalto .NET smart card in the small cardlet™ format that can easily be inserted and removed. The device generates a one-time password and automatically fills in the one-time password field on a logon window.

In addition to Gemalto .NET smart card offering Protiva two-factor authentication, the smart card supports the certificate-based services in Microsoft's .NET framework. It is natively supported in Windows Vista™ making smart cards easy to deploy and seamless to use without requiring any additional software or middleware.



Protiva uniquely meets the need for enhanced network security and online identity protection with a platform that delivers strong authentication using one-time passwords and the flexibility to implement more advanced user protection services as network security needs expand. Using existing network infrastructure, industry-standard protocols and algorithms, and the same devices and administrative tools, only Protiva addresses the limitations of static passwords now with built-in features to provide more comprehensive digital security solutions in the future.

> Typical Issuer Profile

- Healthcare
- Financial Institutions
- Enterprises
- Issuers who are concerned about online security
- Issuers who want to make additional applications and services available to their users, for example, file encryption
- Issuers who want to leverage the security services enabled through Microsoft Windows and the .NET framework

> Typical End-User Profile

Users who access corporate resources from outside of the local area network and web email, and when traveling on for business, have a need to access protected corporate information.

> Recommended Smart Card

Any Gemalto .NET smart card in the cardlet™ mode with the Protiva OATH applet.

> Features

- Automatic entry of the one-time password for quick, error-free secure logons.
- Issuer-changeable smart card slot for field upgrades to the smart card.
- No need to purchase batteries since power is drawn from the USB port.
- Dimensions: 64mm x 16mm x 8mm, allows for stackable and side-able device connections on USB outlets.

> Standards Support and Approvals

- OATH
- Open Platform
- .NET Platform
- ISO, USB
- FCC, CE