



# COMARCH tPro OTP

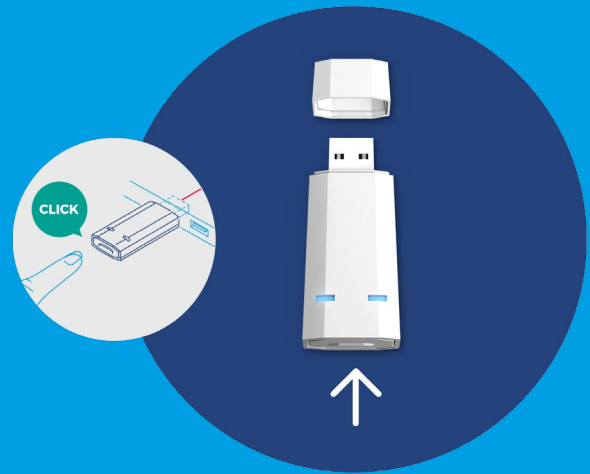
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**PRODUCT SHEET**

**COMARCH**  
Technologies

# SMART OTP TOKEN WITH BUTTON

Comarch tPro OTP is an OATH-compliant USB device that generates and automatically inserts one-time passwords through the use of a dedicated push-button. Driverless and NFC-enabled, it is an extremely user-friendly solution for secure authentication and authorization.



## FEATURES & BENEFITS

- **Highly secure** – tPro OTP is equipped with both the event-based RFC 4226 and the time-based RFC 6238 algorithms. Advanced protection is enabled by two factor authentication: something users have – the device, and something they know – their PIN.
- **Universal access** – as an NFC-enabled USB HID device, tPro OTP can be used on smartphones, tablets and PCs with Windows, Mac OS X, Linux and Android operating systems without the installation of any additional drivers.
- **Easy to deploy** – tPro OTP can be easily integrated into existing solutions through platforms (Comarch Identity

and Access Manager DRACO or any other OATH-compliant solutions), libraries (Java, .NET, Node.js, PHP) or infrastructure services (Radius).

- **Easy to use** – once users insert the tPro OTP token into a USB port, they just need to press and release the built-in button to access onboard security applications.
- **Customizable** – the tPro OTP tokens are designed and manufactured by Comarch Technologies at its headquarters in Krakow, Poland, and can be customized with a customer's logo and other branding.

## TECHNICAL SPECIFICATIONS

### OPERATING SYSTEMS SUPPORTED

Windows XP, 7, 8.1, 10, Server 2012  
Linux Kernel 2.6 and higher  
MAC OS X 10.8 and higher  
Android 4.2 and higher

### APIs

USB – custom HID reports  
NFC – NDEF (NFC Data Exchange Format)

### HOST INTERFACE

Plug and Play  
HID (Human Interface Device)  
NFC Forum Type 4 Tag Operation (T4TOP 2.0) using ISO/IEC 14443 Type A  
USB 2.0 full speed (12Mbps)

### HUMAN INTERFACE

LED device status indicators  
Built-in button

### ENVIRONMENTAL

CE and WEEE marking  
Operating: 0°C / +70°C  
Storage: -20°C / +85°C  
RoHS and EMC compliant

### ELECTROSTATIC DISCHARGE

+/- 8kV direct air discharge  
+/- 2kV indirect contact discharge