



# CLEVER Mobile® for IDS v1.1

## Empowering IT Cloud Security Anywhere, Anytime

### Key Features

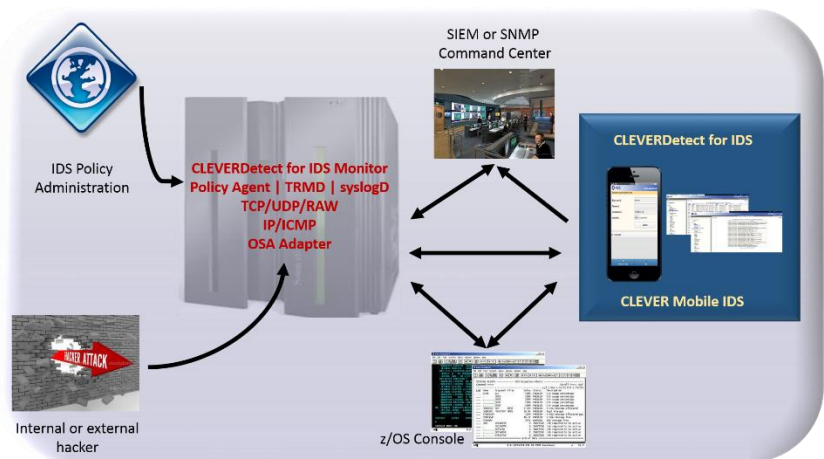
- **z/OS Intrusion Detection Service (IDS) message capture and transfer** providing immediate insight into malicious activities or policy violations.
- **Mobile interface** ensure real-time notification of problems leading to increased IDS activity visibility
- Strengthen **z/OS security for File Transfer Program (FTP)** with online FTP session logon failure in real-time and through historical reports.
- Improve operator effectiveness with **integrated Command** functions allowing deeper inspection into potential problems.
- Interrogates **TCP and UDP protocols for IDS attack** detection including malformed packets, violation of outbound RAW restrictions, UDP perpetual echo, and restrictions placed on IPv4, IPv6, ICMP and IP fragments.
- **Accept syslog, FTP Logon failure, or IDS messages** from CLEVERDetect for IDS.

### CLEVER® Business Cloud Security Management

Enterprise mobility has come of age with measurable business value available to early adopters. Mobile technology is transforming the business at a dizzying pace, far exceeding the business impact of the change to IP back in the late 1990's. The computing power now in the hands of business people through mobile devices is awe-inspiring.

Coupled this computing power in a hand-held device with the global widespread wireless broadband connectivity and one now can bring the power of the data center and cloud based computing to a mobile end user no matter where they are located. Tightly linking mobile, data center and cloud computing results in unimaginable collaboration and innovation resulting in the next wave of business transformation.

**CLEVER Mobile® for IDS** empowers IT staff members to provide exceptional service to the business with their iOS® and Android® devices. The added access capability ensures real-time notification of intrusions leading to increased visibility into potential security breaches. The resulting details provide for more effective decision-making to meet today's dynamic anywhere anytime security environment.



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## Applied Expert Systems - The Business Cloud Service Management Company

### Highlights of CLEVER Mobile<sup>®</sup> for IDS

Employees expect the same level of mobile access to the data center and cloud computing functions as they have to their consumer apps. They want the advanced technology, ease of use, and services integration in the workplace to mirror their experiences as consumers. Today's reality is the 'endpoint' is a user with a variety of access devices, quickly changing and always connected. Due to the essential role of mobility in businesses today, enterprise mobility is a critical component of the IT infrastructure providing new business competition options.

- **z/OS IDS message capture and transfer** providing immediate insight into malicious activities or policy violations.
- Strengthen **z/OS security for File Transfer Program (FTP)** with online FTP session logon failure in real-time and through historical reports.
- Improve operator effectiveness with **integrated Command** functions allowing deeper inspection into potential problems. Commands include:
  - z/COMM
  - Communication Server: DVIPA, Netstat, Obeyfile, Storage, VTAM
  - Route Diagnostic: D NET, APING, D NET, RTPS, Ping, TraceRoute
  - Route Display: OSPF, RIP, Route Table
  - Telnet Command: Telnet
  - USS Command: D OMVS
  - Use of REXX execs and CLIST
- Interrogate **TCP and UDP protocol for IDS attack** detection including malformed packets, violation of outbound RAW restrictions, UDP perpetual echo, and restrictions placed on IPv4, IPv6, ICMP and IP fragments.
- **Accept IDS messages and FTP Logon Failures** from CLEVERDetect for IDS.

### CLEVER Mobile for IDS 1.1 will enter managed availability in January 2015.

#### System Requirements

**Android:** 4.x or above

**iOS:** 5.x or above

#### CLEVERDetect for IDS Base Product

- **System z:** 700 3390-type device tracks (product libraries), 600 3390-type device cylinders (databases), z/OS V1R12 or later
- **Web Server:** For Windows/Linux - 4 GB of RAM, 1 GHz processor or higher, 1 GB of hard disk space
  - Operating Systems - z/OS V1R12 or later, Windows Server 2008 and 2012, Windows 8 and 7, Red Hat Enterprise Linux 6, and SUSE Linux Enterprise Server 11
  - JAVA Platform: WebSphere for z/OS 7.0 or later, Apache Tomcat 7.0 or later, JRE **must** be 7.0 or higher
- **PC Workstation:** 2 GB RAM, 1 GHz processor or higher, 1 GB hard disk space
  - : Windows Server 2008, Windows Server 2012, Windows 8, Windows 7, Windows XP, RHEL 6, SLES 11
- **Browser Applications:** Internet Explorer 8.0 or later, Firefox 31 or later



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