Hello SMX!

SMX stands for “Secure Media Exchange”
SMX – 3 Main Components

1. The SMX Intelligence Gateway

2. Advanced Threat Intelligence Exchange (ATIX)
   - Private connection to ATIX for constant detection updates, patches, etc.
   - No connection required to the customer’s network if cellular option chosen.

3. SMX USB Driver Protected Computers
SMX Powered by ATIX – Advanced Threat Intelligence Exchange

**ATIX Today:**

- Private cloud, subscription based
- Leveraged by SMX to evaluate files
- Multiple Best-in-Class Threat Intelligence Feeds
- Multiple malware detection methods

**Expected in Q4!**

- ATIX Portal for operational insight

**ATIX Future:**

- Machine Learning to assess emerging threats and detect/alert for anomalies
- Advanced analysis techniques for greater threat detection
SMX R102 Feature Update

1) SMX File picker:
   • Select the entire drive or only the files you need for analysis
   • Only selected files will be scanned and accessible on SMX-protected work stations
   • Files not selected are not accessible at the client machines
   • Results in significant time savings for USB analysis and check-in.

2) Fixed Drive Support:
   • USB devices that identify themselves as “fixed” devices (such as portable hard drives) are now supported and can be scanned by SMX

3) Keyboard Blocker/ Toggle:
   • Sometimes it is necessary to connect a USB keyboard for troubleshooting purposes.
   • This may introduce a security loophole. A new feature is introduced with the option to block all hardware USB keyboards from connecting through the USB port.
R102 Scan Demo
SMX – Now with TRUST built-in

Is that REALLY a USB drive you just plugged in?!?

SMX protected computers can be configured to explicitly require the user to confirm the identity and use of an inserted USB device.

T rusted
R esponse
U ser
S ubstantiation
T echnology
SMX Protects Against Advanced USB Threats

- **BadUSB**
  - Manipulation of USB firmware.
  - USB device will act as a HID - Human Interface Device (e.g. a keyboard), and can execute scripts.

- **Rubber Ducky**
  - A keystroke injection tool disguised as generic USB drive.
  - Computer recognizes the USB as a “normal” keyboard and automatically executes the preprogrammed rubber ducky scripts.
  - Execution speed around **1000 words per minute**!

- **Bash Bunny**
  - A fully featured Linux computer with the ability to execute all Rubber ducky scripts, as well as more complex attacks leveraging data connections (e.g. Ethernet over USB or Ethernet control model - ECM)
  - Can also impersonate mass storage or serial devices

SMX Provides Protection from Attacks Others in the Industry Cannot
ATIX Portal
# ATIX Customer Portal

![Image of ATIX Customer Portal](image)

**Summary View**

**ACME CORPORATION**

<table>
<thead>
<tr>
<th>Trust Zone</th>
<th>Open Sessions</th>
<th>Total Sessions</th>
<th>Total Files</th>
<th>Total Gateways</th>
<th>Gateways Status</th>
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<tr>
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<td>North America Region 2</td>
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<td>User Custom Label</td>
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</table>
SMX ST
## SMX ST – USB Security for Lighter Industrial Environments

<table>
<thead>
<tr>
<th>Features</th>
<th>SMX RT</th>
<th>SMX ST</th>
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</thead>
<tbody>
<tr>
<td><strong>Technical</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATIX (Advanced Cloud Based Threat Detection)</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Cellular Capability</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Records Security Photos for Forensics</td>
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<td>✓</td>
</tr>
<tr>
<td>Ruggedized Metal Enclosure</td>
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<tr>
<td>Wall Mounting Brackets</td>
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<tr>
<td>Front and Rear Facing Camera</td>
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<tr>
<td><strong>Physical</strong></td>
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<td>Multi-Port</td>
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<tr>
<td>Pop Out Kickstand</td>
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<tr>
<td>Shock-Absorbent/Damage Resistant</td>
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<td>Glove Touch Capable Screen</td>
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<tr>
<td>Gorilla Glass (High Durability and Visibility)</td>
<td>✓</td>
<td>N/A</td>
</tr>
</tbody>
</table>
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THANK YOU!!!