

## Additional Funding Request

<b>Md002</b>	<b>CSS# 23762 WO# 11756 Asset# NA</b>							
Description of Repairs	Labor and materials needed to replace the damaged CAC Card Reader at the main door of the GTA building.							
Diagnosis: Initial Work Order	Repair CAC reader, main door, bldg 001.							
Diagnostic Fee	\$ 0							
Additional Labor Cost to Perform Repairs	<p>\$ 300</p> <p>LoCurrent Labor \$75/hr x 4</p>							
Additional Cost	<p>\$ 1,450.00</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Veridt Stealth Multi Mode Reader</td> <td style="width: 10%; text-align: center;">1</td> <td style="width: 20%; text-align: right;">\$1,450.00</td> <td style="width: 30%; text-align: right;">\$1,450.00</td> </tr> </table>				Veridt Stealth Multi Mode Reader	1	\$1,450.00	\$1,450.00
Veridt Stealth Multi Mode Reader	1	\$1,450.00	\$1,450.00					
Total Cost of Repair	\$ 1,750.00							

**LoCurrent Systems, LLC**

3522 County Highway 11  
 Cooperstown, NY 13326  
 (607)293-7300  
 locurrent@gmail.com



# Estimate

**ADDRESS**

Tidewater Inc.  
 6625- A Selnick Drive  
 Elkridge, MD 21075

**ESTIMATE #** 1506**DATE** 02/04/2020**P.O. NUMBER**

MD002 CSS23762 WO11756

**SALES REP**

A LoRusso

	ACTIVITY	QTY	AMOUNT
02/04/2020	<b>Installation Service</b> MD002 CSS23762 WO11756 MD002 Curtis Bay, MD GTA Building Replace CAC Card Reader Main Door (Bldg 001)	1	1,750.00

Dear Ms. Lee:

LoCurrent Systems is pleased to provide you with a quotation to replace the damaged CAC Card Reader at the Main Door of the GTA Building in Curtis Bay, MD Facility MD002.

As this reader has been damaged it does not qualify for the core charge credit.

Veridt Stealth Multi Mode Biometric Reader..  
 \$1450.00  
 Labor to Install.. 1 man, 4 hours at \$75.00 per hour.. \$300.00

If acceptable, please feel free to contact us so that we may schedule installation service to be completed.

Thank you for thinking of LoCurrent Systems.

Sincerely,

Antonietta LoRusso

Curtis Bay, MD GTA Facility Main Door CAC Reader

TOTAL

**\$1,750.00**

Accepted By

Accepted Date

## SCM Microsystems

90-1241-00	PACT1241-SCM-PAT1241: Physical Access Control Terminal(PACT) reader. FIPS-201/CAC reader The PACT (Physical Access Control Terminal) Product offers versatile and cost effective secure access reader solutions to protect areas such as Government and military facilities, campuses or company buildings. By offering combinations for contact and contactless smart card support, with and without PIN pad and SAM for indoor and outdoor usage SCMs PACT family offers unique secure solutions supporting requirements of typical access control.	\$ 549.25
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## Veridt Inc.

The NEW Stealth Series offers all of the functionality and capability of MultiMode™ design architecture including multiple communications options, secure communications for high assurance, multi-authentication modes in an IP 65 rated compact housing. The readers can be configured to operate a preset mode for 1, 2 or 3 factor authentication or connect to a Galaxy DSI via RS485 and the authentication mode can be dynamically selectable though System Galaxy Software.

Stealth Series is now available in five configurations: a fully featured biometric model, two non-biometric models configured with either contactless only card interface or dual card interface (contactless plus contact) and now Stealth Lite versions without keypad.

900W2027	MultiMode™ Stealth Lite: For PIV, PIV I, CAC, TWIC, ISO 14443. Compact form factor (5" X 3" X 1.5"); contactless card read interface; LED's and audible signaling; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	\$ 533.00
900W2026	MultiMode™ Stealth: For PIV, PIV I, CAC, TWIC, ISO 14443. Compact form factor (5" X 3" X 1.5"); contactless card read interface; LED's and audible signaling; metal domed backlit keypad for tactile feedback; intuitive prompting simplifies instructions to cardholder; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	\$ 767.00
900W2037	MultiMode™ Stealth Dual Lite: For PIV, PIV I, CAC, TWIC, ISO 7816 & ISO 14443. Compact form factor (5" X 3" X 1.5"); dual card read interface (contactless & contact); LED's and audible signaling; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	\$ 533.00
900W2036	MultiMode™ Stealth Dual: For PIV, PIV I, CAC, TWIC, ISO 7816 & ISO 14443. Compact form factor (5" X 3" X 1.5"); dual card read interface (contactless & contact); LED's and audible signaling; metal domed backlit keypad for tactile feedback; intuitive prompting simplifies instructions to cardholder; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	\$ 767.00
900W2030	MultiMode™ Stealth Bio: For PIV, PIV I, CAC, TWIC, ISO 7816 & ISO 14443. Compact form factor (7" X 3" X 1.5"); dual card read interface (contactless & contact); fingerprint biometrics; LED's and audible signaling; metal domed backlit keypad for tactile feedback; intuitive prompting simplifies instructions to cardholder; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	\$ 1,248.00

### Options for Legacy Card Types - Select as Needed

920FW0PR	MultiMode™ reader configured for legacy Prox 125KHz operation: includes sub-license, firmware and additional hardware for 125KHz operation. Specify Legacy Card. Specify reader P/N. Not available on 900W0080.	\$ 149.50
920FW0CL	MultiMode™ reader configured for legacy iCLASS operation: includes sub-license, firmware. Specify reader P/N. Reads card manufacturers serial number.	\$ -
920FW0MF	MultiMode™ reader configured for Dual card operation with MIFARE contactless cards: includes sub-license, firmware. Specify reader P/N. Reads card serial number.	\$ -

### Enclosures

033-20003	Heavy Weather" Visor for Stealth Series Readers; required for outdoor operation of Stealth Bio-Reader.	\$ 140.40
033-20004	"Heavy Weather" Visor (Short Form) for use with Stealth Series Readers	\$ 78.00

Stealth Series Part Number	Stealth Bio 900W2030	Stealth Dual 900W2036	Stealth Lite (Dual) 900W2037	Stealth 900W2026	Stealth Lite 900W2027
					
Biometrics	Fingerprint				
Card Read Interface	Dual	Dual	Dual	Contactless	Contactless
PIN Entry	Keypad	Keypad	No	Keypad	No
Status Indicators	Yes + Access Light Bar	Yes + Access Light Bar	Access Light Bar	Yes + Access Light Bar	Access Light Bar
Footprint	7 X 3 inches	5.5 X 3 inches	5.5 X 3 inches	5.5 X 3 inches	5.5 X 3 inches

Reader Authentication Modes		Card Only	Card + PIN	Card + Bio	Card + PIN + Bio	TWIC Modes (CAK)	PIV Modes (CAK)	PIV Modes (PKI)
Communications Interface								
Wiegand Only	(select one mode only)	X	X	X	X			
Wiegand + RS-485	Control Authentication Modes Veridt Reader Service	X	X	X	X	X	X	X
Veridt / EWAC	Control Authentication Modes Veridt Reader Service	X	X	X	X	X	X	X
HID / PAM	Control Authentication Modes Binary Reader Service	X	X	X	X	X	X	X

**Reader Authentication Options for Non-FICAM and FICAM Operation**

Stealth Series Part Number	Stealth Bio 900W2030	Stealth Dual 900W2036	Stealth Lite (Dual) 900W2037	Stealth 900W2026	Stealth Lite 900W2027
<b>NON – FICAM Operation</b> <i>[Select CHUID or BIO mode]</i>	<ul style="list-style-type: none"> <li>•CHUID (Reads FASC-N for PIV or GUID for PIV-I)</li> <li>•In CHUID mode PACS PIN is a pass through.</li> <li>•BIO (Reads CHUID, reads INCITS 378 data file).</li> </ul>	<ul style="list-style-type: none"> <li>•CHUID (Reads FASC-N for PIV or GUID for PIV-I)</li> <li>•In CHUID mode PACS PIN is a pass through.</li> </ul>	<ul style="list-style-type: none"> <li>•CHUID (Reads FASC-N for PIV or GUID for PIV-I)</li> </ul>	<ul style="list-style-type: none"> <li>•CHUID (Reads FASC-N for PIV or GUID for PIV-I)</li> <li>•In CHUID mode PACS PIN is a pass through.</li> </ul>	<ul style="list-style-type: none"> <li>•CHUID (Reads FASC-N for PIV or GUID for PIV-I)</li> </ul>
<b>Transitional Operation</b> <i>[Customer Issues Credential]</i>	<ul style="list-style-type: none"> <li>•DESFire with Triple DES encryption (symmetric key).</li> </ul> <p>Reads Card Serial Number</p>	<ul style="list-style-type: none"> <li>•DESFire with Triple DES encryption (symmetric key).</li> </ul> <p>Reads Card Serial Number.</p>	<ul style="list-style-type: none"> <li>•DESFire with Triple DES encryption (symmetric key).</li> </ul> <p>Reads Card Serial Number.</p>	<ul style="list-style-type: none"> <li>•DESFire with Triple DES encryption (symmetric key).</li> </ul> <p>Reads Card Serial Number.</p>	<ul style="list-style-type: none"> <li>•DESFire with Triple DES encryption (symmetric key).</li> </ul> <p>Reads Card Serial Number.</p>
<b>FICAM Operation</b> <i>[Reads card per FICAM specification].</i>	CHUID/CAK/PKI/BIO	CHUID/CAK/PKI	CHUID/CAK	CHUID/CAK	CHUID/CAK



## MultiMode Stealth Series Product Selection Guide

### Specifications

Model Name	Stealth Bio	Stealth Dual	Stealth Lite (Dual)	Stealth	Stealth Lite				
Part Number	9000W2030	900W2036	900W2037	900W2026	900W2027				
Configuration	MultiMode™ Stealth Design Architecture								
Biometric	Fingerprint	No	No	No	No				
Keypad	Illuminated with tactile feedback		No	Illuminated with tactile feedback	No				
Status Indicators	LED & Light Bar		Light Bar	LED & Light Bar	Light Bar				
Card Read Interface	Dual: Contactless & Contact			Contactless					
Transmit Frequency & Standards	ISO 14443 (13.56 MHz contactless with Optimized RF Tuning) & ISO 7816 (Contact)								
Communications Interface	Wiegand & RS-485 with Secure Protocols								
Credentials	MIFARE/DESFire, DESFire EV1 CAC (all versions in circulation including non-PIV formatted credentials), PIV, PIV-I, CIV (PIV-C) TWIC, FRAC								
Authentication Modes	Card Only ,Card+PIN, Card+BIO,Card+PIN+Bio	Card Only, Card+PIN	Card Only	Card Only, Card+PIN	Card Only				
High Assurance Modes	CHUID/CAK/PKI	CHUID/CAK/PKI	CHUID/CAK	CHUID/CAK	CHUID/CAK				
High Assurance System Requirements	Veridt EWAC (900M2000) or HID PAM (M2000)								
Dimensions	18.0cmX7.5cmX4.0cm 7.1"X2.9"X1.5"	14cmX7.5cmX4cm 5.5"X2.9"X1.5"							
Weight	454gm 1.0 lb.	320gm 0.70 lb.							
Mounting	Single Gang Size								
Color	Black								
Housing Material	Polycarbonate Blend: meets all ISO, UL & IES requirements								
Power Requirements	12V at 400ma	12V at 300ma							
Operating Temperature	-40° to +158° F (-40° to +70° C)								
Operating Humidity	5% to 95% relative humidity								
Environmental	IP 65 rated								
Wiring Connection	Custom connector (no pigtail)								
Cabling	For Wiegand only - six conductor; For RS-485 half duplex with Wiegand - eight conductor; For RS485 full duplex only - eight conductor.								
Certifications	GSA APL-2, UL 294, FCC Certification (US), IC (Canada), CE (EU)								
Warranty	18 months								