

# HERCULES



## SIMPLIFIED CONNECTIVITY

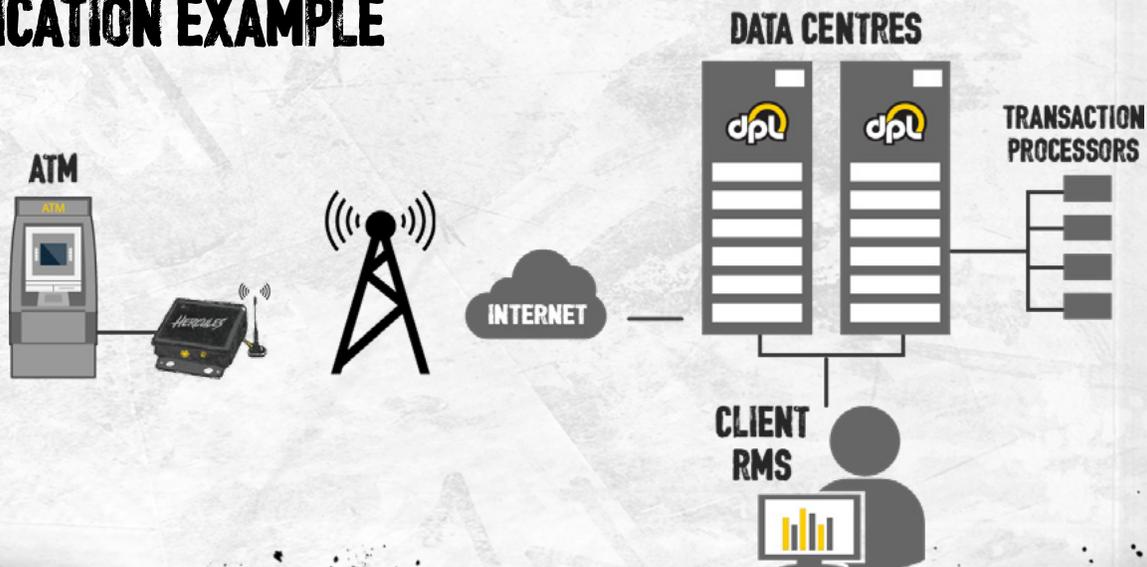
Don't let connectivity be your Achilles' heel. DPL's Hercules platform is not just a piece of hardware and a cellular plan. It's like having an expert partner who never sleeps and is never more than a phone call away.

In operation since 1974, DPL serves over 1,200 clients, and manages over 30,000 wireless devices across North America. Our data centres process 100M+ financial transactions per year.

## BENEFITS

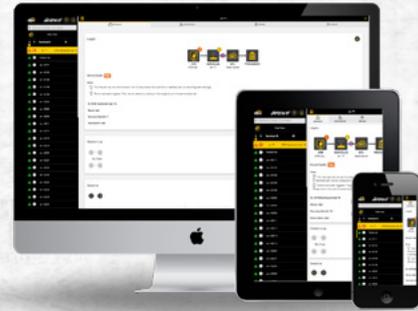
- PCI-DSS Level 1 Service Provider
- EMV and DCC Proven
- 24/7/365 Live Technical Support
- 2-Way/RMS Software Capable
- Unlimited Transactions
- Supports Hercules Accessories - ATM Protector & ATM Restart
- 5-year Warranty with Immediate RMA Replacement

## APPLICATION EXAMPLE



# HERCULES PORTAL

DPL's mobile friendly Hercules Portal enables you to monitor and manage the connectivity of your wireless devices from anywhere.



Receive alerts about issues affecting the wireless connectivity health of your terminals by email, text message, or in the Hercules Portal, assisting with diagnostics and minimizing downtime.

## ATM RESTART

DPL's ATM Restart accessory installs in minutes and allows you to remotely reboot terminals from the mobile friendly Hercules Portal, saving you from unnecessary travel, and technician dispatch fees.

## ATM PROTECTOR

Now with GPS tracking capability, the ATM Protector alerts you any time suspicious activity happens at one of your ATMs. Receive alerts via text message, email, or in the Hercules Portal for GPS movement, power disconnects, door open events, tilting and vibration.

# SPECIFICATIONS

<b>INTERFACES</b>	
<b>WWAN**</b>	
LTE – NORTH AMERICA	700,850,1700/2100 (AWS) and 1900 MHz; 3G fall back - WCDMA/FDD 850, 1700/2100 (AWS) and 1900 MHz; Transfer rate (max): 5.2 Mbps Up, 10.2Mbps Down (LTE Cat.1)
LTE – VERIZON	1700/2100 AWS, 700 MHz; No 2G/3G fall back; Transfer rate (max): 5.2 Mbps Up, 10.3Mbps Down (LTE Cat.1)
HSPA+	800/850/AWS1700/1900/2100 MHz; 2G fallback - 850/900/1800/1900 Mhz; Transfer rate (max): 5.76 Mbps up, 14.4 Mbps down
CONNECTORS	LTE variants: 2 x 50 $\Omega$ SMA (Center pin: female); All other variants: 1 x 50 $\Omega$ SMA (Center pin: female)
SIM SLOTS	1, Ruggedized-SIM
<b>ETHERNET</b>	
PORTS	1
STANDARD	IEEE 802.3
PHYSICAL LAYER	10/100 Base-T
DATA RATE	10/100 Mbit/s
MODE	Full or Half duplex
INTERFACE	Auto MDI/MDIX
CONNECTOR	RJ-45
<b>PHONE</b>	
PORTS	1
PHYSICAL LAYER	Central Office POTS Line
DATA RATE	1200, 2400, or 14400 baud
CONNECTOR	RJ-11
<b>SERIAL</b>	
PORTS	1
STANDARD	RS-232
DTE/DCE	DCE
SIGNAL SUPPORT	TXD, RXD
FLOW CONTROL	NONE
DATE RATE	57600 or 115200 baud
CONNECTOR	DB-15 HD-F
<b>MANAGEMENT</b>	
REMOTE MANAGEMENT	Hercules Portal (cloud based), DPL Remote Debugger
LOCAL MANAGEMENT	CLI (Serial Port)

# SPECIFICATIONS

<b>SOFTWARE</b>	
PROTOCOLS	AES-256, DH-1024, MAC, DHCP (client and server), NAT, IP filtering, HDLC/PPP/PAP/LCP/IPCP, TCP, UDP, ICMP, DNS, Ethernet
<b>POWER</b>	
INPUT	12 VDC
CONSUMPTION	12W max, 3W typical
CONNECTOR	Locking barrel
<b>AC POWER SUPPLY</b>	
INPUT VOLTAGE	100-240 VAC
INPUT FREQUENCY	50-60 Hz
INPUT CURRENT	0.7 A max
OUTPUT VOLTAGE	12 VDC
OUTPUT CURRENT	2 A
OUTPUT PLUG	5.5 X 2.1mm locking barrel plug
OUTPUT POLARITY	Center positive
<b>ENVIRONMENTAL</b>	
OPERATING TEMPERATURE	-10° C to +45° C
ETHERNET ISOLATION	1.5 kV RMS
SERIAL PORT PROTECTION (ESD)	15 kV
<b>PHYSICAL</b>	
DIMENSIONS	(L x W x H) 5.7 in x 4.8 in x 1.5 in (145 mm x 122 mm x 38 mm)
WEIGHT	2.4 lb (1.1 Kg)
STATUS LEDS	Power, Service, ATM, 7x Signal strength
ENCLOSURE MATERIAL	Industrial (Metal)
MOUNTING	Integrated brackets for wall mount
<b>APPROVALS</b>	
GSM/UMTS	PTCRB
CELLULAR CARRIERS	Verizon (US), AT&T (US), Bell (CAN), Rogers (CAN), Telus (CAN)
EMISSIONS	FCC Part 15 Class A
<b>WARRANTY</b>	
PRODUCT WARRANTY	5 years