

# MacNotes

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## This Month



## S-TEMP Coefficients Calculation

## New Installations

- RCMP (Canada)

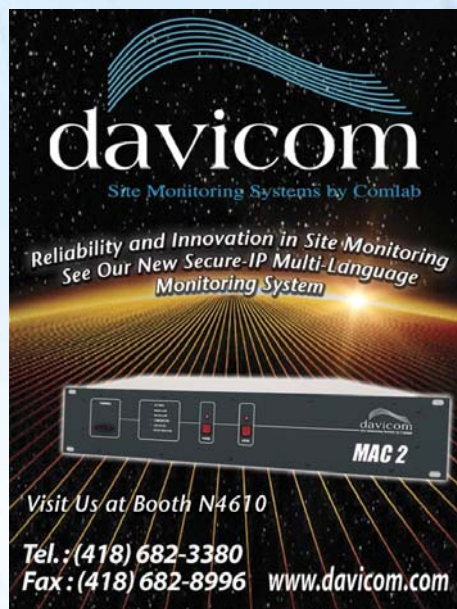
## Radica Welcomes New Sales And Marketing Director

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## **Comlab Will Present Its Evolutionary, Multi-Language, Secure-IP Davicom MAC-2 At NAB2004, In Las Vegas, Nevada, From April 19<sup>th</sup> To 22<sup>nd</sup>**

Comlab Telecommunications Inc. is pleased to present its Davicom MAC-2 site monitoring and control system at NAB2004, in Las Vegas, Nevada. Stop by stand N4610 and discover the evolutionary advances in our multi-language, secure-IP Davicom MAC-2 solution for the broadcast and telecom industries. The Davicom MAC-2, with its new user-customizable GUI, added control and language features, is once again stretching the envelope of secure remote monitoring and control solutions.



Comlab Telecommunications Inc. is proud to present its innovative multi-language, secure-IP Davicom MAC-2 site monitoring and control unit. The newly added multi-language feature allows the RTU to send voice messages in your own language. The Davicom MAC-2 also offers 128-bit encryption, the highest level of protection available for Internet communications. With the secure-IP Davicom MAC-2, you can access and control your remote site equipment via the LAN/WAN or the Internet. In addition, secure-IP communications allow remote monitoring and control at reduced cost since system alarms are sent to a local server via Internet instead of using long distance telephone calls.

Comlab Telecommunications Inc, established in 1984, is a Quebec City based developer of innovative solutions in the telecommunications, wireless, antenna and radar fields. For more information, visit the Comlab website at [www.comlab.com](http://www.comlab.com)



[www.davicom.com](http://www.davicom.com)

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## New Installations

### Royal Canadian Mounted Police (RCMP) Canada

The RCMP recently added six new MAC16's to their current Newfoundland network of 26 Davicom MAC remote monitoring units, bringing their total to 32. This new acquisition is part of the RCMP's on-going program to upgrade and modernize their remote communications facilities, spread throughout the entire province of Newfoundland & Labrador. Their public security radio network is spread out over large territories of rugged and sparsely populated regions of the province. The RCMP is also looking at the possibility of adding the secure-IP option to several units in existing NOC facilities.

### Radica Welcomes Its New Sales And Marketing Director



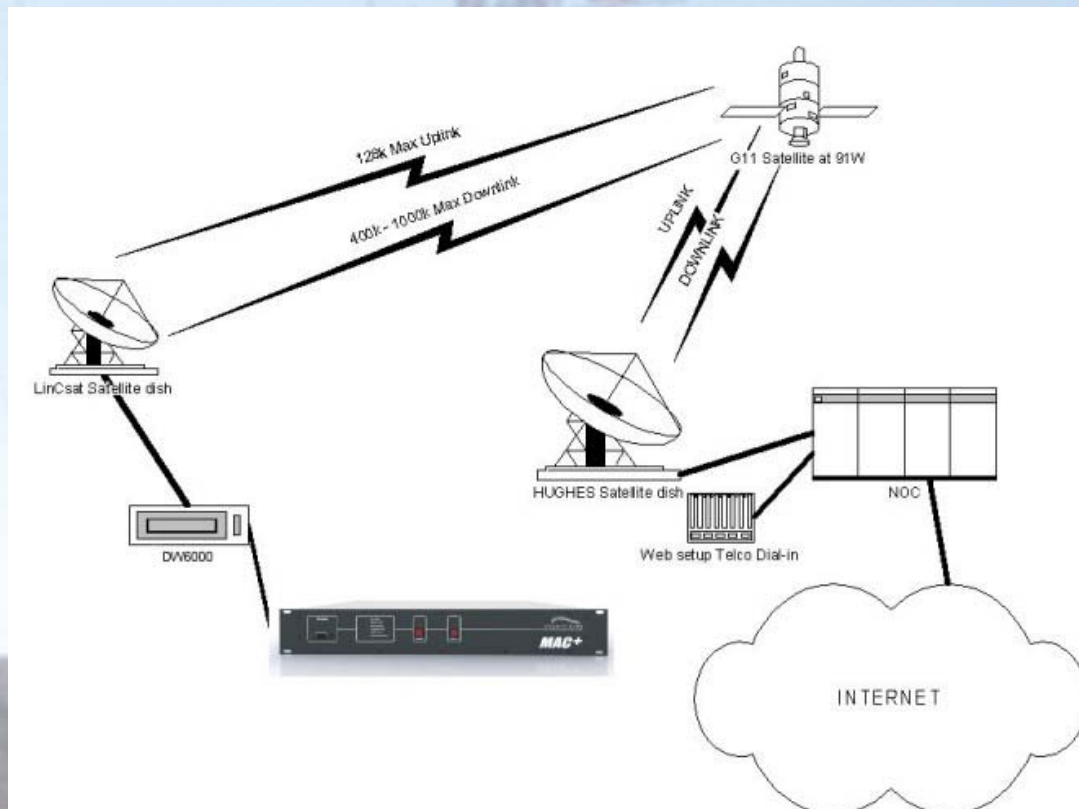
Radica is proud to welcome Rob Spiers as its new Sales and Marketing Director. Rob Spiers is now the Director responsible for **Radica's** marketing plans. He is also Special Projects manager, having previously managed the RSL hire department. We all wish Rob great succes in his new position.

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Comlab is pleased to announce the addition of the LinCsat IP-over-Satellite (IPoS) feature to its MAC remote site monitoring product line. The IPoS enables communication with your MAC+ Remote Monitoring System from virtually any point on earth (through Hughes-Direcway affiliated companies). The Davicom MAC+ IPoS option is ideal for remote site monitoring where phone lines are not available.



For more information on using the Davicom MAC+ with the new IPoS feature, please contact our sales department at [sales@davicom.com](mailto:sales@davicom.com)



[www.davicom.com](http://www.davicom.com)

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## **PCMCIA Modem Powers Off** **When MACCOMM Frees Equipment Communication Port** **(Windows 2000 / Xp)**

This article pertains to a Windows 2000 / XP – PCMCIA modem problem that is documented on the Microsoft Website:

<http://support.microsoft.com/support/kb/articles/q275/0/42.asp>

as well as on the Thales Group Website:

<http://www.thales-esecurity.com/Support/Safedial+ Power saving.shtml>

IMPORTANT: This Service Bulletin contains information about modifying the registry. Before you modify the registry, make sure to back it up and make sure you understand how to restore the registry if a problem occurs. For information about how to back up, restore, and edit the registry, see:

<http://support.microsoft.com/default.aspx?scid=kb;EN-US;256986>

NOTE: If you are running Windows 2000, you must have Service Pack 3 installed for the OS to recognize the change in parameters.

1. Click Start, click Run, type regedt32 in the Open box, and then press ENTER.
2. Locate the appropriate device parameters key in the registry, under the HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Enum registry key. You can only locate the appropriate key manually.

NOTE: The actual location depends on both the type of device and the actual device.

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HKEY\_LOCAL\_MACHINES

\SYSTEM

\CurrentControlSet

\Enum

\<device type> (in this case, "PCMCIA")

\<device identifier> (for example, Xircom\_CreditCard\_Modem\_56-FAAE")

\<device id number> (for example, "1")

\Device Parameters

3. Under Device Parameters, on the Edit menu, click Add Value, and then add the following registry values:

Value name: EnablePowerManagement

Data type: REG DWORD

Radix: Hexadecimal

Value: 0x1

4. Exit Registry Editor and restart your computer.  
NOTE: Do not forget to add the &D0 command to the modem init string to avoid disconnection when Windows lowers the DTR pin.

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## Converting MAC Log File To Excel Compatible Format

The date format used by the MAC Remote Monitoring System is not compatible with Excel<sup>®</sup>. However it is possible to insert a formula in an Excel spread sheet that will enable conversion of a MAC log file into the Excel<sup>®</sup> format.

When importing the log file, isolate the dot located between the minutes and the seconds in a separate column and **DO NOT** import this column into Excel<sup>®</sup>. When the MAC log file is imported, add a new column and enter the following formula:

**=DATE(MID(B3;1;4);MID(B3;6;2);MID(B3;9;2)) + C3 + TIME(0;0;D3)**

Where B3 is the MAC date, C3 is the hours and minutes, D3 is the seconds. By default, Excel<sup>®</sup> does not show the seconds, you will have to format the cell using the Custom type and select the **aaaa-mm-jj hh:mm:ss** format.

Now, the new column shows the date and time.

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## **Davicom Service Bulletin Sb\_004.Pdf** **S-Temp Coefficients Calculation**

The Comlab S-TEMP temperature sensor module allows temperature readings from  $-55^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ . Designed as an add-on for the Davicom MAC and MiniMAC remote monitoring units, it can however, be used with other equipment by applying the Thevenin equivalent circuit model to determine output values.

The S-TEMP electronics are housed in a small metal enclosure that measures 33mmH x 75mmW x 52mmD (1.3 x 3 x 2 inches), and the module weighs less than 90g (3oz). Typical measurement accuracy is  $\pm 2^{\circ}\text{C}$ .

Values given in the new S-TEMP Service Bulletin apply to S-TEMP units with serial numbers ST12431-51 and higher. Corresponding data for earlier S-TEMP units are given in the *Notes* section, at the end of the service bulletin.

The DAVICOM SERVICE BULLETIN SB\_004.PDF can be found on the Davicom website at the following address: [www.davicom.com/pdf/anglais/sb\\_004b.pdf](http://www.davicom.com/pdf/anglais/sb_004b.pdf). The first two sections of the Service Bulletin describe the MINIMAC and MAC CONNECTION PROCEDURES while the third and last section deals with earlier S-TEMP version information.

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## MacNotes

**Carl Caron**, editor  
**Andrew Mulrooney**, technical content  
**Groupe Évolution**, graphic design

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Head Office  
2300 Leon-Harmel Street  
Quebec City, Quebec  
G1N 4L2

Tel: 418.682.3380  
Fax: 418.682.8996  
E-Mail: [sales@davicom.com](mailto:sales@davicom.com)  
Web: [www.davicom.com](http://www.davicom.com)

We invite story submissions.  
E-mail to [sales@davicom.com](mailto:sales@davicom.com)