Release Note #80

Topic: SCO UNIX Version 5.0.5 Operating System Deficiency

General Information:

Documented network printing errors associated with the SCO UNIX 5.0.5 operating system can adversely affect the performance of PressureMAP for some users—particularly the delivery of dispatch alarms. Although PressureMAP will generate and distribute alarms successfully on MAP Engine computers that run UNIX Version 5.0.5, operating system bugs can result in unreliable delivery of alarms to multiple network printers.

Observations and testing reveal that if your UNIX 5.0.5-equipped MAP Engine computer is set up to deliver alarms to approximately 15 or more LAN network printers, it is likely that only the first four or five printers on the distribution list will receive alarms. This problem cannot be corrected within PressureMAP; it is an operating system error that requires an upgrade to SCO UNIX 5.0.7 in order to be resolved. *Note*: If your system uses only a small number of network printers, chances are you will not encounter the problem described above.

Specifics:

Additional information about the network printing problem, as well as a complete list of the SCO UNIX 5.0.5 issues that have been corrected in later SCO UNIX releases can be found at: http://www.sco.com/support/docs/openserver/506/fixlist.html.

There are also a number of issues that affect network printing in SCO 5.0.6, that have been corrected in the 5.0.7 release. The links below address these issues:

http://wdb1.sco.com/kb/showta?taid=125711&qid=292154262&sid=171482393&pgnum=1
http://wdb1.sco.com/kb/showta?taid=125710&qid=292154262&sid=171482393&pgnum=1
http://wdb1.sco.com/kb/showta?taid=115402&qid=292154262&sid=171482393&pgnum=1
http://wdb1.sco.com/kb/showta?taid=110520&qid=292154262&sid=171482393&pgnum=1

Summary:

While this network printing error may not pertain to all PressureMAP users, there are some important advantages to upgrading to the UNIX 5.0.7 operating system. First, as noted above, many additional network printing errors were corrected in the SCO UNIX 5.0.6 release. These result in a more stable platform and better overall system operation. Secondly, and perhaps more importantly, the SCO 5.0.7 platform and SCO 5.0.7 Maintenance Pack 5 are required to host the PressureWEB™ application, which is a web browser interface available in PressureMAP Version 26. This web-based application provides Internet access to important PressureMAP reports and data. SCO UNIX 5.0.7 contains the Apache, Tomcat, and Java releases that are needed to support the PressureWEB product.

System Studies Incorporated

2-1340 East Cliff Drive
Santa Cruz, CA 95062
(831) 475-5777
(800) 247-8255
www.airtalk.com