



**State of Alaska Cyber Security &  
Critical Infrastructure  
Cyber Advisory**

**July 11, 2007**

*The following cyber advisory was issued by the State of Alaska and was intended for State government entities. The information may or may not be applicable to the general public and accordingly, the State does not warrant its use for any specific purposes.*

**STATE OF ALASKA ADVISORY NUMBER:**

2007-018

**DATE ISSUED:**

7/11/2007

**SUBJECT:**

**Firefox "firefoxurl" URI Handler Registration Vulnerability**

**SYSTEMS AFFECTED:**

**Mozilla Firefox 2.0.X**

**OVERVIEW:**

A vulnerability has been discovered in Firefox, which can be exploited by malicious people to compromise a user's system.

The problem is that Firefox registers the "firefoxurl://" URI handler and allows invoking firefox with arbitrary command line arguments. Using e.g. the "-chrome" parameter it is possible to execute arbitrary Javascript in chrome context. This can be exploited to execute arbitrary commands e.g. when a user visits a malicious web site using Microsoft Internet Explorer.

The vulnerability is confirmed in Firefox version 2.0.0.4 on a fully patched Windows XP SP2. Other versions may also be affected.

**RECOMMENDATIONS:**

- Do not browse untrusted sites.
- Disable the "Firefox URL" URI handler.

**REFERENCES:**

<http://secunia.com/advisories/25984/>

<http://www.xs-sniper.com/sniperscope/IE-Pwns-Firefox.html>