# CVE-2004-0978

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2004-0978 |
| **State** | PUBLISHED |
| **Assigner** | mitre |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2005-02-09 05:00:00 UTC |
| **Updated** | 2025-04-03 01:03:51 UTC |
| **Description** | Heap-based buffer overflow in the Hrtbeat.ocx (Heartbeat) ActiveX control for Internet Explorer 5.01 through 6, when users |

## Risk And Classification

**Primary CVSS:** v2.0 10 from nvd@nist.gov

AV:N/AC:L/Au:N/C:C/I:C/A:C

**Problem Types:** CWE-787 | n/a

### CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:N/AC:L/Au:N/C:C/I:C/A:C

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Microsoft | Internet Explorer | 5.01 | sp3 | All | All |

| | | | | | | |
|---|---|---|---|---|---|---|
| Application | Microsoft | Internet Explorer | 5.01 | sp4 | All | All |
| Application | Microsoft | Internet Explorer | 5.5 | sp2 | All | All |
| Application | Microsoft | Internet Explorer | 6 | - | All | All |
| Application | Microsoft | Internet Explorer | 6 | sp1 | All | All |
| Operating System | Microsoft | Windows 2000 | - | sp3 | All | All |
| Operating System | Microsoft | Windows 2000 | - | sp4 | All | All |
| Operating System | Microsoft | Windows Me | - | All | All | All |
| Operating System | Microsoft | Windows Server 2003 | - | All | All | All |
| Operating System | Microsoft | Windows Server 2003 | - | All | All | All |
| Operating System | Microsoft | Windows Xp | - | All | All | All |
| Operating System | Microsoft | Windows Xp | - | - | All | All |
| Operating System | Microsoft | Windows Xp | - | sp1 | All | All |
| Operating System | Microsoft | Windows Xp | - | sp2 | All | All |

## Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|---|---|---|---|---|
| CNA | Na | N/a | affected n/a | Not specified |

## References

| Reference | Source | Link |
|---|---|---|
| IBM X-Force Exchange | af854a3a-2127-422b-91ae-364da2661108 | exchange.xforc |
| Microsoft Internet Explorer Heartbeat ActiveX Control Unspecified Vulnerability | af854a3a-2127-422b-91ae-364da2661108 | www.securityfo |
| www.ngssoftware.com/advisories/heartbeatfull.txt | af854a3a-2127-422b-91ae-364da2661108 | www.ngssoftwa |
| US-CERT Vulnerability Note VU#673134 | af854a3a-2127-422b-91ae-364da2661108 | www.kb.cert.or |
| 'MSN Heartbeat Control Buffer Overflow' - MARC | af854a3a-2127-422b-91ae-364da2661108 | marc.info |
| Microsoft Security Bulletin MS04-038 - Critical \| Microsoft Docs | af854a3a-2127-422b-91ae-364da2661108 | docs.microsoft. |
| CVE Program record | CVE.ORG | www.cve.org |
| NVD vulnerability detail | NVD | nvd.nist.gov |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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**Free CVE JSON API** cve.report/api

**CVE.report and Source URL Uptime Status** **status.cve.report**