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Vulnerability Details : CVE-2007-0018

Stack-based buffer overflow in the NCTAudioFile2.AudioFile ActiveX control (NCTAudioFile2.dll), as used by multiple products, allows remote attackers to execute arbitrary code via a long argument to the SetFormatLikeSample function. NOTE: the products include (1) NCTsoft NCTAudioStudio, NCTAudioEditor, and NCTDialogicVoice; (2) Magic Audio Recorder, Music Editor, and Audio Converter; (3) Aurora Media Workshop; DB Audio Mixer And Editor; (4) J. Hepple Products including Fx Audio Editor and others; (5) EXPStudio Audio Editor; (6) iMesh; (7) Quikscribe; (8) RMBSoft AudioConvert and SoundEdit Pro 2.1; (9) CDBurnerXP; (10) Code-it Software Wave MP3 Editor and aBasic Editor; (11) Movavi VideoMessage, DVD to iPod, and others; (12) SoftDiv Software Dexster, iVideoMAX, and others; (13) Sienzo Digital Music Mentor (DMM); (14) MP3 Normalizer; (15) Roemer Software FREE and Easy Hi-Q Recorder, and Easy Hi-Q Converter; (16) Audio Edit Magic; (17) Joshua Video and Audio Converter; (18) Virtual CD; (19) Cheetah CD and DVD Burner; (20) Mystik Media AudioEdit Deluxe, Blaze Media, and others; (21) Power Audio Editor; (22) DanDans Digital Media Full Audio Converter, Music Editing Master, and others; (23) Xrily Software Text to Speech Makerand Arial Sound Recorder / Audio Converter; (24) Absolute Sound Recorder, Video to Audio Converter, and MP3 Splitter; (25) Easy Ringtone Maker; (26) RecordNRip; (27) McFunSoft iPod Audio Studio, Audio Recorder for Free, and others; (28) MP3 WAV Converter; (29) BearShare 6.0.2.26789; and (30) Oracle Siebel SimBuilder and CRM 7.x.

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– CVSS Scores & Vulnerability Types

CVSS Score9.3

Confidentiality ImpactComplete(There is total information disclosure, resulting in all system files being revealed.)

Integrity ImpactComplete(There is a total compromise of system integrity. There is a complete loss of system protection, resulting in the entire system being compromised.)

Availability ImpactComplete(There is a total shutdown of the affected resource. The attacker can render the resource completely unavailable.)

Access ComplexityMedium(The access conditions are somewhat specialized. Some preconditions must be satisfified to exploit)

AuthenticationNot required(Authentication is not required to exploit the vulnerability.)

Gained AccessAdmin

Vulnerability Type(s)Execute Code Overflow

CWE ID119

– Products Affected By CVE-2007-0018

#	Product Type	Vendor	Product	Version	Update	Edition	Language
1	Application	Altdo	Convert Mp3 Master	1.1			Version Details Vulnerabilities
2	Application	Altdo	Mp3 Record And Edit Audio Master	1.2			Version Details Vulnerabilities
3	Application	Americanshareware	Mp3 Wav Converter	3.1.8			Version Details Vulnerabilities

WIZ, Inc. EXHIBIT - 1091

WIZ, Inc. v. Orca Security LTD.

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https://web.archive.org/web/20140809144720/https://www.cvedetails.com/cve/CVE-2007-0018/

4	Application	Audio Edit Magic	Audio Edit Magic	9.2.3 389			Version Details Vulnerabilities
5	Application	Bearshare	Bearshare	6.0.2.26789			Version Details Vulnerabilities
6	Application	Cdburnerxp	Cdburnerxp Pro	3.0.116			Version Details Vulnerabilities
7	Application	Cheetahburner	Cheetah Cd Burner	3.56			Version Details Vulnerabilities
8	Application	Cheetahburner	Cheetah Dvd Burner	1.79			Version Details Vulnerabilities
9	Application	Code-it Software	Abasic Editor	10.1			Version Details Vulnerabilities
10	Application	Code-it Software	Wave Mp3 Editor	10.1			Version Details Vulnerabilities
11	Application	Dandans Digital Media Products	Easy Audio Editor	7.4			Version Details Vulnerabilities
12	Application	Dandans Digital Media Products	Full Audio Converter	4.2			Version Details Vulnerabilities
13	Application	Dandans Digital Media Products	Music Editing Master	5.2			Version Details Vulnerabilities
14	Application	Dandans Digital Media Products	Visual Video Converter	4.4			Version Details Vulnerabilities
15	Application	Digital Borneo	Audio Mixer And Editor	1.1.0			Version Details Vulnerabilities
16	Application	Easy Ringtone Maker	Easy Ringtone Maker	2.0.5			Version Details Vulnerabilities
17	Application	Expstudio	Audio Editor	4.0.2			Version Details Vulnerabilities
18	Application	Iaudiosoft.com	Absolute Mp3 Splitter	2.5.4			Version Details Vulnerabilities
19	Application	Iaudiosoft.com	Absolute Sound Recorder	3.4.5			Version Details Vulnerabilities
20	Application	Iaudiosoft.com	Absolute Video To Audio Converter	2.7.9			Version Details Vulnerabilities
21	Application	Imesh.com	Imesh	7.0.2.26789			Version Details Vulnerabilities
22	Application	J Hepple Products	Fx Audio Concat	1.2.0 Beta			Version Details Vulnerabilities
23	Application	J Hepple Products	Fx Audio Editor	4.7.11			Version Details Vulnerabilities
24	Application	J Hepple Products	Fx Audio Tools	7.3.4			Version Details Vulnerabilities
25	Application	J Hepple Products	Fx Magic Music	5.7.7			Version Details Vulnerabilities
26	Application	J Hepple Products	Fx Movie Joiner	6.2.8			Version Details Vulnerabilities
27	Application	J Hepple Products	Fx Movie Joiner And Splitter	6.2.8			Version Details Vulnerabilities
28	Application	J Hepple Products	Fx Movie Splitter	6.4.7			Version Details Vulnerabilities
29	Application	J Hepple Products	Fx New Sound	5.1.1			Version Details Vulnerabilities
30	Application	J Hepple Products	Fx Video Converter	7.51.21			Version Details Vulnerabilities
31	Application	Joshua Mediasoft	Audio Converter Plus	2.2			Version Details Vulnerabilities

32	Application	Joshua Mediasoft	Video Converter Plus	3.01			Version Details Vulnerabilities
33	Application	Magicvideosoftware	Magic Audio Converter	8.2.6 Build 719			Version Details Vulnerabilities
34	Application	Magicvideosoftware	Magic Audio Recorder	5.3.7			Version Details Vulnerabilities
35	Application	Magicvideosoftware	Magic Music Editor	5.2.2			Version Details Vulnerabilities
36	Application	Mcfunsoft	Audio Editor	6.3.3 Build 489			Version Details Vulnerabilities
37	Application	Mcfunsoft	Audio Recorder For Free	6.1			Version Details Vulnerabilities
38	Application	Mcfunsoft	Audio Studio	6.6.3 Build 479			Version Details Vulnerabilities
39	Application	Mcfunsoft	Ipod Audio Studio	6.2.4			Version Details Vulnerabilities
40	Application	Mcfunsoft	Ipod Music Converter	5.1			Version Details Vulnerabilities
41	Application	Mcfunsoft	Recording To Ipod Solution	5.1			Version Details Vulnerabilities
42	Application	Mediatox	Aurora Media Workshop	3.3.25			Version Details Vulnerabilities
43	Application	Movavi	Chiliburner	2.3			Version Details Vulnerabilities
44	Application	Movavi	Convertmovie	4.4			Version Details Vulnerabilities
45	Application	Movavi	Dvd To Ipod	1.0			Version Details Vulnerabilities
46	Application	Movavi	Splitmovie	1.4			Version Details Vulnerabilities
47	Application	Movavi	Suite	3.5			Version Details Vulnerabilities
48	Application	Movavi	Videomessage	1.0			Version Details Vulnerabilities
49	Application	Mp3-soft	Mp3 Normalizer	1.03			Version Details Vulnerabilities
50	Application	Mystik Media Products	Audioedit Deluxe	4.10			Version Details Vulnerabilities
51	Application	Mystik Media Products	Blaze Media Pro	7.0			Version Details Vulnerabilities
52	Application	Mystik Media Products	Blaze Mediaconvert	3.4			Version Details Vulnerabilities
53	Application	Mystik Media Products	Contextconvert Pro	3.1			Version Details Vulnerabilities
54	Application	Nctsoft Products	Nctaudioeditor	2.7.1			Version Details Vulnerabilities
55	Application	Nctsoft Products	Nctaudiofile2				Version Details Vulnerabilities
56	Application	Nctsoft Products	Nctaudiostudio	2.7.1			Version Details Vulnerabilities
57	Application	Nctsoft Products	Nctdialogicvoice	2.7.1			Version Details Vulnerabilities
58	Application	Nextlevel Systems	Audio Editor Gold	9.2.5 Build 424			Version Details Vulnerabilities
59	Application	Nextlevel Systems	Audio Studio Gold	7.0.1.1 Build 500			Version Details Vulnerabilities

60	Application	Quikscribe	Quikscribe Player	5.022.05			Version Details Vulnerabilities
61	Application	Quikscribe	Quikscribe Recorder	5.021.29			Version Details Vulnerabilities
62	Application	Recordnrip	Recordnrip	1.0			Version Details Vulnerabilities
63	Application	Rmbsoft	Audioconvert	3.1.0.125			Version Details Vulnerabilities
64	Application	Rmbsoft	Soundedit Pro	2.1			Version Details Vulnerabilities
65	Application	Roemer Software	Easy Hi-g Converter	1.7			Version Details Vulnerabilities
66	Application	Roemer Software	Easy Hi-g Recorder	2.0			Version Details Vulnerabilities
67	Application	Roemer Software	Free Hi-g Recorder	1.9			Version Details Vulnerabilities
68	Application	Sienzo	Digital Music Mentor	2.6.0.3			Version Details Vulnerabilities
69	Application	Smart Media Systems	Power Audio Editor	11.0.1			Version Details Vulnerabilities
70	Application	Softdiv Software	Dexster	3.0			Version Details Vulnerabilities
71	Application	Softdiv Software	Ivideomax	3.9			Version Details Vulnerabilities
72	Application	Softdiv Software	Mp3 To Wav Converter	3.0			Version Details Vulnerabilities
73	Application	Softdiv Software	Snosh	1.4			Version Details Vulnerabilities
74	Application	Softdiv Software	Videozilla	2.5			Version Details Vulnerabilities
75	Application	Virtual Cd	Virtual Cd	6.0.0.7			Version Details Vulnerabilities
76	Application	Virtual Cd	Virtual Cd	7.1.0.2			Version Details Vulnerabilities
77	Application	Virtual Cd	Virtual Cd	8.0.0.6			Version Details Vulnerabilities
78	Application	Virtual Cd	Virtual Cd File Server	7.1.0.3			Version Details Vulnerabilities
79	Application	Xrlly Software	Arial Audio Converter	2.3.40			Version Details Vulnerabilities
80	Application	Xrlly Software	Arial Sound Recorder	1.4.3			Version Details Vulnerabilities
81	Application	Xrlly Software	Text To Speech Maker	1.3.8			Version Details Vulnerabilities
82	Application	Xwaver.com	Magic Audio Editor Pro	10.3.1 Build 476			Version Details Vulnerabilities
83	Application	Xwaver.com	Magic Music Studio Pro	7.0.2.1 Build 500			Version Details Vulnerabilities

– Number Of Affected Versions By Product

Vendor	Product	Vulnerable Versions
Altdo	Convert Mp3 Master	1
Altdo	Mp3 Record And Edit Audio Master	1
Americanshareware	Mp3 Wav Converter	1
Audio Edit Magic	Audio Edit Magic	1
Bearshare	Bearshare	1

Cdburnerxp	Cdburnerxp Pro	1
Cheetahburner	Cheetah Cd Burner	1
Cheetahburner	Cheetah Dvd Burner	1
Code-it Software	Abasic Editor	1
Code-it Software	Wave Mp3 Editor	1
Dandans Digital Media Products	Easy Audio Editor	1
Dandans Digital Media Products	Full Audio Converter	1
Dandans Digital Media Products	Music Editing Master	1
Dandans Digital Media Products	Visual Video Converter	1
Digital Borneo	Audio Mixer And Editor	1
Easy Ringtone Maker	Easy Ringtone Maker	1
Expstudio	Audio Editor	1
Iaudiosoft.com	Absolute Mp3 Splitter	1
Iaudiosoft.com	Absolute Sound Recorder	1
Iaudiosoft.com	Absolute Video To Audio Converter	1
Imesh.com	Imesh	1
J Hepple Products	Fx Audio Concat	1
J Hepple Products	Fx Audio Editor	1
J Hepple Products	Fx Audio Tools	1
J Hepple Products	Fx Magic Music	1
J Hepple Products	Fx Movie Joiner	1
J Hepple Products	Fx Movie Joiner And Splitter	1
J Hepple Products	Fx Movie Splitter	1
J Hepple Products	Fx New Sound	1
J Hepple Products	Fx Video Converter	1
Joshua Mediasoft	Audio Convertor Plus	1
Joshua Mediasoft	Video Converter Plus	1
Magicvideosoftware	Magic Audio Converter	1
Magicvideosoftware	Magic Audio Recorder	1
Magicvideosoftware	Magic Music Editor	1
Mcfunsoft	Audio Editor	1
Mcfunsoft	Audio Recorder For Free	1
Mcfunsoft	Audio Studio	1
Mcfunsoft	Ipod Audio Studio	1
Mcfunsoft	Ipod Music Converter	1
Mcfunsoft	Recording To Ipod Solution	1
Mediatox	Aurora Media Workshop	1
Movavi	Chiliburner	1
Movavi	Convertmovie	1
Movavi	Dvd To Ipod	1
Movavi	Splitmovie	1
Movavi	Suite	1
Movavi	Videomessage	1
Mp3-soft	Mp3 Normalizer	1
Mystik Media Products	Audioedit Deluxe	1
Mystik Media Products	Blaze Media Pro	1
Mystik Media Products	Blaze Mediaconvert	1
Mystik Media Products	Contextconvert Pro	1
Nctsoft Products	Nctaudioeditor	1
Nctsoft Products	Nctaudiofile2	1

Nctsoft Products	Nctaudiostudio	1
Nctsoft Products	Nctdialogicvoice	1
Nextlevel Systems	Audio Editor Gold	1
Nextlevel Systems	Audio Studio Gold	1
Quikscribe	Quikscribe Player	1
Quikscribe	Quikscribe Recorder	1
Recordnrip	Recordnrip	1
Rmbsoft	Audioconvert	1
Rmbsoft	Soundedit Pro	1
Roemer Software	Easy Hi-g Converter	1
Roemer Software	Easy Hi-g Recorder	1
Roemer Software	Free Hi-g Recorder	1
Sienzo	Digital Music Mentor	1
Smart Media Systems	Power Audio Editor	1
Softdiv Softare	Dexster	1
Softdiv Softare	Ivideomax	1
Softdiv Softare	Mp3 To Wav Converter	1
Softdiv Softare	Snosh	1
Softdiv Softare	Videozilla	1
Virtual Cd	Virtual Cd	3
Virtual Cd	Virtual Cd File Server	1
Xrlly Software	Arial Audio Converter	1
Xrlly Software	Arial Sound Recorder	1
Xrlly Software	Text To Speech Maker	1
Xwaver.com	Magic Audio Editor Pro	1
Xwaver.com	Magic Music Studio Pro	1

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<http://www.securityfocus.com/bid/22196>

BID 22196 NCTsoft NCTAudioFile2 ActiveX Control Remote Buffer Overflow Vulnerability *Release Date*:2008-07-31

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BUGTRAQ 20070124 Re: Secunia Research: NCTsoft Products NCTAudioFile2 ActiveXControl Buffer Overflow

<http://www.securityfocus.com/bid/23892>

BID 23892 RETIRED: Musiclab BearShare NCTAudioFile2 ActiveX Control Buffer Overflow Vulnerability *Release Date*:2007-05-09

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XF nctaudiofile2-multiple-bo(31707)

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– Metasploit Modules Related To CVE-2007-0018

There are not any metasploit modules related to this vulnerability (Please visit www.metasploit.com for more information)

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