



FEDERAL COMMUNICATIONS COMMISSION - FCC FORM 731
APPLICATION FOR EQUIPMENT AUTHORIZATION

Approved by OMB
3060 - 0934
Expires 02/28/2005

Item 1. Applicant's complete, legal business name: Cisco Systems Inc

Item 2. Applicant's mailing address

Line 1: 170 West Tasman Drive

Line 2:

P.O. Box:

City: San Jose

State: California Country: United States Zip/Postal Code: 95134-1706

Item 3. FCC ID: LDK \* Equipment Product Code (14 characters maximum): 102053

Item 4. Person at the applicant's address to receive grant or for contact:

First Name: Andrew

Mail Stop:

Last Name: Griffin

Telephone: 408-527-1810 Ext:

Title: Manager, Regulatory Compliance

Fax No: 408-526-4184

E-mail: agriffin@cisco.com

Item 5. Instead of Applicant, FCC is authorized to mail original Grant to:

Firm Name:

COMPLIANCE CERTIFICATION SERVICES

Address Line 1:

P.O. Box:

561F MONTEREY ROAD

Address Line 2:

City:

MORGAN HILL

State:

California

Zip/Postal Code:

Country:

United States

95037

Person at above address to receive Grant:

?

First Name:

Last Name:

Michael

Heckrotte

Title:

Mail Stop:

?

Item 6. Technical Contact:

Firm Name:

Telephone:

Ext: Fax No:

COMPLIANCE CERTIFICATION SERVICES

408-463-0885

First Name:

Middle Initial: Last Name:

Michael

?

Heckrotte

Address Line 1:

P.O. Box:

561F MONTEREY ROAD

Address Line 2:

City:

MORGAN HILL

State:

California

Zip/Postal Code:

Country: United States

95037

E-mail: MHeckrotte@CCSEMC.COM

Item 7. Non-Technical Contact:

Form fields for contact information including Firm Name, Telephone, Ext, Fax No, First Name, Middle Initial, Last Name, Address Line 1, P.O. Box, Address Line 2, City, State, Country, Zip/Postal Code, and E-mail.

Item 8. \* Does this application include a request for confidentiality for any portion(s) of the data contained in this application pursuant to 47 CFR 20.459 of the Commission Rules? If "Yes" see instructions. Yes

Item 9. \* Does the applicant request that the Commission defer grant of this application pursuant 47 CFR 20.457(d)(1)(ii)? (See instructions) No
If so, specify date when grant may be issued (MM/DD/YYYY format):

Item 10. \* Is this an application for software defined radio authorization? Yes

Item 11. \* Equipment Class: NII -Unlicensed National Information Infrastructure T \* Description of Product as it is Marketed: (NOTE: This text will appear below the equipment class on the grant) 802.11a Cardbus radio module

Item 12. \* Application is for: Original Equipment (See instructions) Change in identification of presently authorized equipment: Original FCC ID: Grant Date (MM/DD/YYYY format): Class II permissive change or modification of presently authorized equipment Class III permissive change to software defined radio NOTE: This may only be filed for applications pertaining to Software Defined Radio

Item 13. Is the equipment in this application: (a) a composite device subject to an additional equipment authorization? (b) part of a system that operates with, or is marketed with, another device that requires an equipment authorization? If either of the above questions is answered "Yes" complete section 13(c).

(c) The related application: has been granted under the FCC ID listed to the right? is in the process of being filed under the FCC ID listed to the right? is pending with the FCC under the FCC ID listed to the right? FCC ID

Item 14. Name of test firm and contact person on file with the FCC, if different from applicant or contact person: Firm Name:

Compliance Certification Services Inc -Morgan Hi

First Name:		Last Name:	
Michael		Heckrotte	
Telephone:	Ext:	Fax No:	E-mail:
408-463-0885			MHeckrotte@CCSEMC.COM

**Read each certification carefully before answering and signing this application**

**VILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).**

**Item 15. \*SECTION 5301 (ANTI-DRUG ABUSE) CERTIFICATION:**

The applicant must certify that neither the applicant nor any party to the application is subject to a denial of Federal benefits, that include FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862 because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the definition of a "party" for these purposes.

Does the applicant or authorized agent so certify?  Yes  No

**Item 16. APPLICANT/AGENT CERTIFICATION:**

I certify that I am authorized to sign this application. All of the statements herein and the exhibits attached hereto, are true and correct to the best of my knowledge and belief. IN accepting a Grant of Equipment Authorization as a result of the representations made in this application, the applicant is responsible for (1) labeling the equipment with the exact FCC ID specified in this application, (2) compliance statement labeling pursuant to the applicable rules, and (3) compliance of the equipment with the applicable technical rules. If the applicant is not the actual manufacturer of the equipment, appropriate arrangements have been made with the manufacturer to ensure that production units of this equipment will continue to comply with the FCC's technical requirements.

Authorizing an agent to sign this application, is done solely at the applicant's discretion; however, the applicant remains responsible for all statements in this application.

If an agent has signed this application on behalf of the applicant, a written letter of authorization which includes information to enable the agent to respond to the above section 5301 (Anti-Drug Abuse) Certification statement has been provided by the applicant. It is understood that the letter of authorization must be submitted to the FCC upon request, and that the FCC reserves the right to contact the applicant directly at any time.

* Signature of Authorized Person Filing:	Title of authorized signature:
Michael Heckrotte	Engineering Manager

**Complete items below if an agent signs the application**

Company Name:	Telephone:	Ext:	Fax No:
COMPLIANCE CERTIFICATION SERVICES	408-463-0885		
First Name:	???????	Middle Initial:	Last Name:
Michael	???????		Heckrotte
Address Line 1:	P.O. Box:		
561F MONTEREY ROAD			
Address Line 2:			
City:	State:		
MORGAN HILL	California		
Country: ?/B>	Zip/Postal Code:		
United States	95037		

E-mail:

MHeckrotte@CCSEMC.COM

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**NOTE:** An asterisk '\*' preceding a field indicates it must be completed before this application can be submitted.

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Proceed to Section II - Clear

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Expire

**NOTICE:**

**You must enter at least one equipment specification in order to complete submission of this applicati  
also note that this Form 731 application must be completed within 72 hours. ? If it has not been comp  
this time frame, it will be automatically deleted from the system.**

**SECTION II: EQUIPMENT SPECIFICATIONS: (See instructions)**

Frequency range in MHz	Rated RF power output in watts	Frequency tolerance	Emission designator (See 47 CFR ?2.201 and ?2.202)
Lower: <input type="text" value="5180"/> Upper: <input type="text" value="5250"/>	<input type="text" value="0.03162"/>	<input type="text"/> <input checked="" type="checkbox"/>	<input type="text"/>

Equipment will be operated on above frequency under FCC Rule Part(s): \*

The following notes related to the above frequency will be displayed with the authorization:

**Notice: ?/B>** Many of the grant notes listed are too long to display in the drop-down list. To see the full descript notes, [click here](#)

- 05: The manufacture and importation of this device must cease on July 10, 2005, pursuant to 15.37(j) or 18.12
- 10: TV Interface Device combined with TV Broadcast Receiver.
- 11: Grant Reissued this date to correct error in listed FCC ID Number
- 12: This is a grant of Certification because receiver will tune frequencies allocated to Citizens Band Servic
- 14: The equipment listed hereon complies with the 14dB noise figure requirements.
- 16: If the subject device requires shielded interface cables to ensure compliance, the user's manual must adv
- 17: Computing devices into which this device is installed must employ shielded interconnect cables.
- 18: This device must be supplied with a shielded A.C. power cord if one is required to ensure compliance.
- 19: This device must be marketed with a shielded interface cable which incorporates ferrite cores equal in qu
- 20: All electrical and mechanical devices employed for spurious radiation suppression, including any modifca

**Equipment Specifications Entered For this Application**

(Displayed as lower and upper frequency, power output, tolerance, emission designator and rule parts, respec

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Frequency range in MHz	Rated RF power output in watts	Frequency tolerance	Emission designator (See 47 CFR 2.201 and 2.202)
Lower: <input type="text" value="5250"/> Upper: <input type="text" value="5320"/>	<input type="text" value="0.05521"/>	<input type="text"/> <input checked="" type="checkbox"/>	<input type="text"/>

Equipment will be operated on above frequency under FCC Rule Part(s): \*

The following notes related to the above frequency will be displayed with the authorization:

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- 20: All electrical and mechanical devices employed for spurious radiation suppression, including any modifications

**Equipment Specifications Entered For this Application**

(Displayed as lower and upper frequency, power output, tolerance, emission designator and rule parts, respectively)

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Frequency range in MHz	Rated RF power output in watts	Frequency tolerance	Emission designator (See 47 CFR ?2.201 and ?2.202)
Lower: <input type="text" value="5725"/> Upper: <input type="text" value="5825"/>	<input type="text" value="0.05916"/>	<input type="text"/> <input checked="" type="checkbox"/>	<input type="text"/>

Equipment will be operated on above frequency under FCC Rule Part(s): \*

The following notes related to the above frequency will be displayed with the authorization:

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