



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0288

HCAI Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: Critical Alert

Manufacturer's Technical Representative: Shawn Pasienza

Mailing Address: 4901 Belfort Rd, Suite 130, Jacksonville, FL 32256

Telephone: (904) 203-1158

Email: spasienza@criticalalert.com

Product Information

Product Name: Electrical Control Panels on Life Safety/Critical Branch

Product Type: Nurse Call Stations

Product Model Number: CCA-5000 and CCA-3200 Central Control Assembly, CBS-5000 Code Blue Switch

General Description: Tested systems monitors patient stations for call activity and acts as the audio switch from patient's stations to nurse station phones.

Mounting Description: Rigid, Wall Mounted

Tested Seismic Enhancements: None

Applicant Information

Applicant Company Name: TRU Compliance, by Structural Integrity Associates

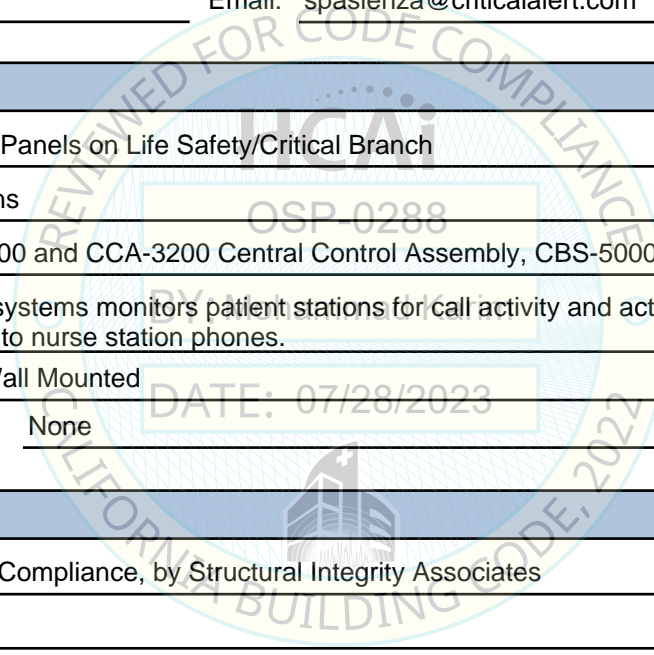
Contact Person: Daniel Zentner

Mailing Address: 233 SW Wilson Ave, Suite 101, Bend, OR 97702

Telephone: (541) 292-5839

Email: dzentner@structint.com

Title: Program Manager





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California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)

Company Name: STRUCTURAL INTEGRITY ASSOCIATES, INC.
Name: LACHEZAR HANDZHIYSKI California License Number: S6515
Mailing Address: 5215 Hellyer Avenue, Suite 210, San Jose, CA 95138
Telephone: (669) 437-0200 Email: Lhandzhiyski@StructInt.com

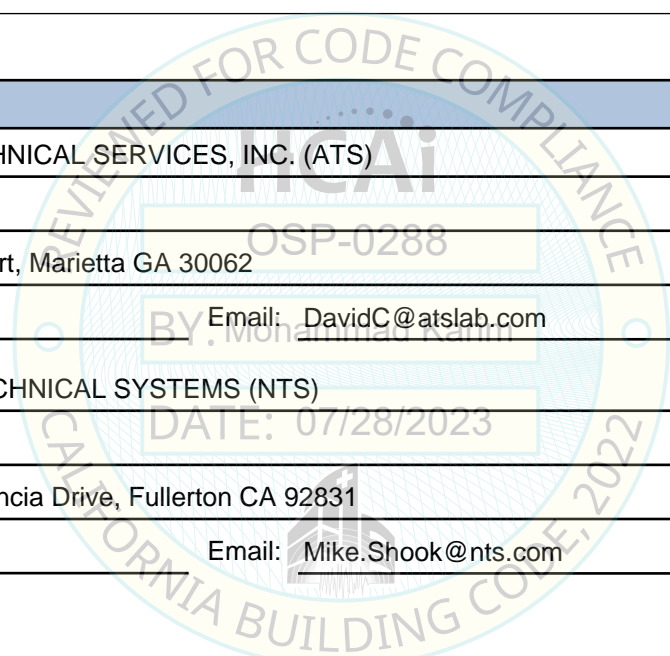
Certification Method

GR-63-Core ICC-ES AC156 IEEE 344 IEEE 693 NEBS 3
 Other (Please Specify): _____

Testing Laboratory

Company Name: APPLIED TECHNICAL SERVICES, INC. (ATS)
Contact Person: David Common
Mailing Address: 1049 Triad Court, Marietta GA 30062
Telephone: (888) 287-5227 Email: DavidC@atslab.com

Company Name: NATIONAL TECHNICAL SYSTEMS (NTS)
Contact Person: Mike Shook
Mailing Address: 1536 East Valencia Drive, Fullerton CA 92831
Telephone: (714) 879-6110 Email: Mike.Shook@nts.com





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Seismic Parameters

Design Basis of Equipment or Components (F_p/W_p) = 1.125 (z/h = 0), 1.80 (z/h = 1)

SDS (Design spectral response acceleration at short period, g) = 2.5 at z/h=0, 2.5 at z/h=1

a_p (Amplification factor) = 1.0

R_p (Response modification factor) = 2.5

Ω_0 (System overstrength factor) = 2.0

I_p (Importance factor) = 1.5

z/h (Height ratio factor) = 1 and 0

Natural frequencies (Hz) = See Attachment

Overall dimensions and weight = See Attachment

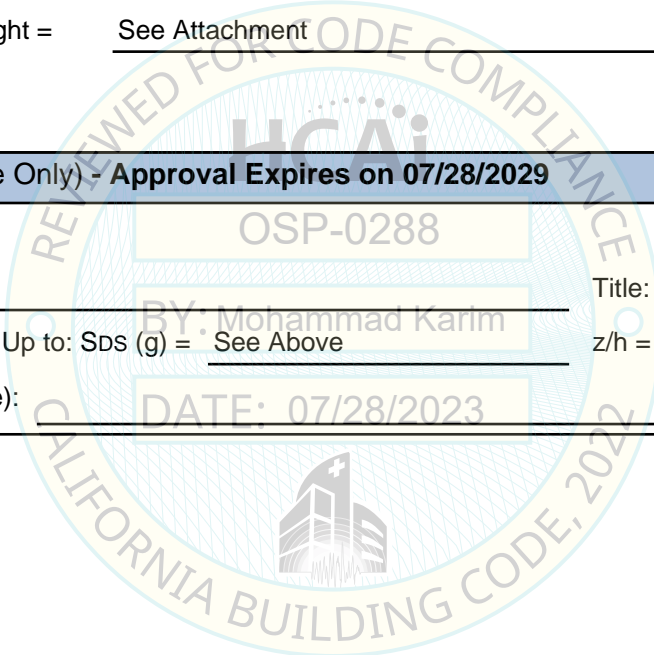
HCAI Approval (For Office Use Only) - Approval Expires on 07/28/2029

Date: 7/28/2023

Name: Mohammad Karim Title: Supervisor, Health Facilities

Special Seismic Certification Valid Up to: SDS (g) = See Above z/h = See Above

Condition of Approval (if applicable): DATE: 07/28/2023

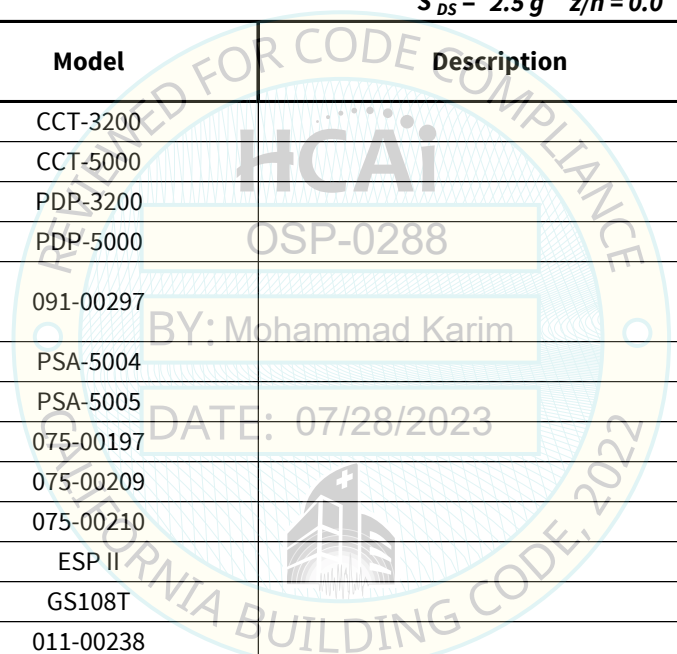


SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

TRU PROJECT NO. 1701555



Manufacturer: Critical Alert (formerly Intego Software, LLC)		Table Description: Subcomponents		TABLE 2	
Model Line: Common Path Nurse Call Solution (formerly ProNet.net™ Nursecall System)					
Building Code: CBC 2022		Seismic Certification Limits:		$S_{DS} = 2.5g \quad z/h = 1.0$ $S_{DS} = 2.5g \quad z/h = 0.0$	
				$I_p = 1.5$	
Component Type	Manufacturer	Model	Description	Notes	UUT
Central Control Terminal	Critical Alert, LLC	CCT-3200			1
		CCT-5000			3
Power Distribution Panel	Critical Alert, LLC	PDP-3200			1
		PDP-5000			3
Rack Mounting Strip for Serial Hub	Critical Alert, LLC	091-00297			1, 3
Power Supply Assembly	Critical Alert, LLC	PSA-5004			1
		PSA-5005			3
Wiring Harness	Critical Alert, LLC	075-00197			1
		075-00209			3
Ground Harness	Critical Alert, LLC	075-00210			3
HUB	Critical Alert, LLC	ESP II			1
	Net Gear	GS108T			3
CAT5E Data RJ45	ADI	011-00238			1, 3
Two-Pin Euro-Style Power Plug	Molex	011-00230			1, 3
DB-9 Standard Serial Cables	CableSys	080-00400	Male/Female		1
Computer Rack	Chatworth Products	020-00067	22U (38.5"h x 21"w x 12"d)		1, 3



UNIT UNDER TEST (UUT) SUMMARY SHEET

TRU PROJECT NO. 1701555



Manufacturer:	Critical Alert (formerly Intego Software, LLC)	UUT 1
Model Line:	Common Path Nurse Call Solution (formerly ProNet.net™ Nursecall System)	
Model Number:	CCA-3200	
Serial Number:	N/A	
Test Report:		No. PR015811 (CCA)

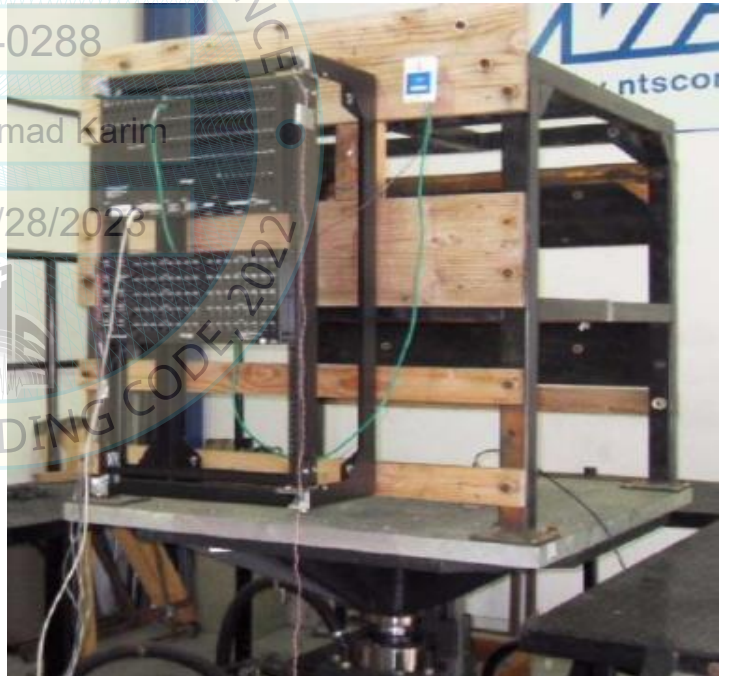
UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
31	12.0	21.0	38.5	N/A	N/A	N/A

UUT Highest Passed Seismic Run Information								
Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022	ICC-ES AC156	2.5	1.0	1.5	4.00	3.00	1.67	0.67
		2.5	0.0					

Product Construction Summary:

Tested Unit Installed on 22U Swing Gate 19 inch Wall Rack (P/N 020-00067)

Test Mounting Details:



Options/Subcomponent Summary:

Description	Mfr.	Part Number
CAT5E Data RJ45	ADI	011-00238
Central Control Terminal	Critical Alert	CCT-3200
Computer Rack	Chatworth Products	020-00067
DB-9 Standard Serial Cables	CableSys	080-00400
HUB	Critical Alert	ESP II
Power Distribution Panel	Critical Alert	PDP-3200
Power Supply Assembly	Critical Alert	PSA-5004
Rack Mounting Strip for Serial Hub	Critical Alert	091-00297
Two-Pin Euro-Style Power Plug	Molex	011-00230
Wiring Harness	Critical Alert	075-00197

Unit Modification:



Attachment Location, Typ.

UUT1 was wall mounted - rigid to the fixture using four (4) 1/4" diameter wood screws. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

