



SYNERGY

OUR 53RD YEAR

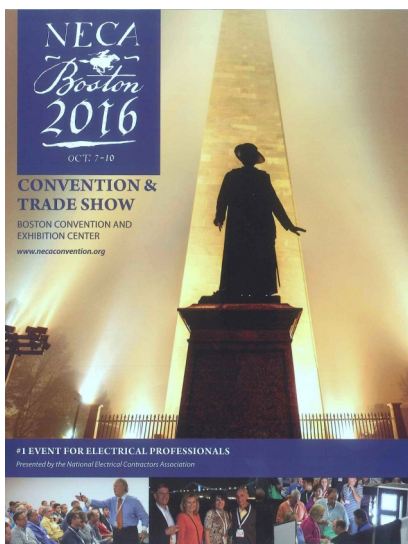
CONTRA COSTA CHAPTER

August 2016

The Internet of Things

At our recent NECA Tri-District Meeting in the Netherlands, Phillips Lighting was gracious enough to act as a sponsor of our meeting and share the significance of their Connected Lighting System at the famous [Edge Building in Amsterdam](#). The system uses 6,500 connected LED fixtures to create a digital ceiling in the 15 story building. Nearly half of those fixtures work with Phillips Envision lighting management software to capture and share information throughout the building. The system uses 750 Power-over-Ethernet (PoE) switches to connect the lighting fixtures to the buildings IT network. With PoE, the Ethernet cables send both power and data to the luminaries, *eliminating the need for separate power cabling*. Think about that for just a moment.

The employees who work in the building use apps on their smartphones to control the temperature, lighting and blinds. The integrated sensors capture anonymous data on room occupancy and temperature. That data is used to deliver lighting, heating, cooling and cleaning resources to save time, money, and energy. We are told this is the future of the “workspace,” but you might want to check out this quick [video](#) to see what lies ahead.



October 7–10, 2016

NECA 2016 Boston

REGISTRATION IS OPEN

<http://necaconvention.org/>

Chapter Room Block: Hyatt Regency Boston

Early Registration Ends August 18

Click [here](#) for full convention brochure.

POLITICO ALERT

www.PoliticoOnline.com "Connecting you to California"

1127 11th St., Suite 747 / Sacramento, CA 95814 / (916) 444-3770/ FAX (916) 442-6437

DIR Will Resume Enforcement on August 1 of the Requirement to Submit Certified Payroll Records Online

The Department of Industrial Relations (DIR) is advising Public Works contractors and subcontractors that enforcement of the requirement to submit certified payroll records using DIR's online system will resume on August 1.

The requirement to keep certified payroll reports (CPRs) has not changed and the electronic certified payroll reporting system is fully operational. The enhancements to DIR's online system, available as of August 1, 2016, consist of a simplified online filing form. The requirements for uploading payroll records via XML remain unchanged. New User Guides and video tutorials with detailed instructions will accompany the release of the enhanced system. DIR has additional compliance information on its [Public Works](#) page.

2016 California Building Standards Code - Now Available

The 2016 California Building Standards Code, Title 24, California Code of Regulations (13 Parts) was published on or before July 1 and is now available.

Effective Date and Application of the 2016 California Building Standards Code:

Jan. 1, 2017 is the statewide effective date, established by the California Building Standards Commission (CBSC), for the 2016 California Building Standards Code. All applications for a building permit that occur on or after Jan. 1, 2017 are subject to compliance with the 2016 Code. The 2013 California Building Standards Code remains in effect and is applicable to all plans and specifications, for, and to the construction performed where the application for a building permit is received on or before Dec. 31.

Enforcement Responsibility:

The California Building Standards Code is the established minimum standard for the design and construction of buildings and structures in California. State law mandates that local government enforce Title 24 standards or approved local ordinances (see Amendment by Local Ordinance that follows). Exceptions are building standards applicable to hospitals, state buildings, public schools and colleges that are subject to enforcement by state agencies.

Amendment by Local Ordinance:

Local ordinances that amend Title 24 building standards are subject to requirements of California law and must be enacted and filed for each edition of the California Building Standards Code. Ordinances generally must exercise more restrictive standards than the building standards approved/adopted by the commission. These amendments must be filed and accepted, as appropriate, with CBSC, the Department of Housing and Community Development or the State Historical Building Safety Board before they are enforceable at the local level.



AGILE PROCUREMENT AND IT'S ROLE IN ADDING VALUE

Download Your Copy [Here](#).

ELECTRI International – The Foundation for Electrical Construction and the National Association of Electrical Distributors announce publication of a jointly funded study – Agile Procurement and its Role in Adding Value.

The research on Electrical Distribution Construction was conducted by California Polytechnic State University, under the leadership of Principal Investigator, Professor Lonny Simonian, PE, PMP.

The thesis for the research is that partnering and planning can build profitable relationships throughout the electrical construction industry. The goal of agile procurement is to lower costs by reducing job site material handling and other waste rather than focusing upon reducing the direct cost of materials. Agile procurement adds value by engaging all supply chain members in jointly managing the flow of material to create greater efficiency of operations.

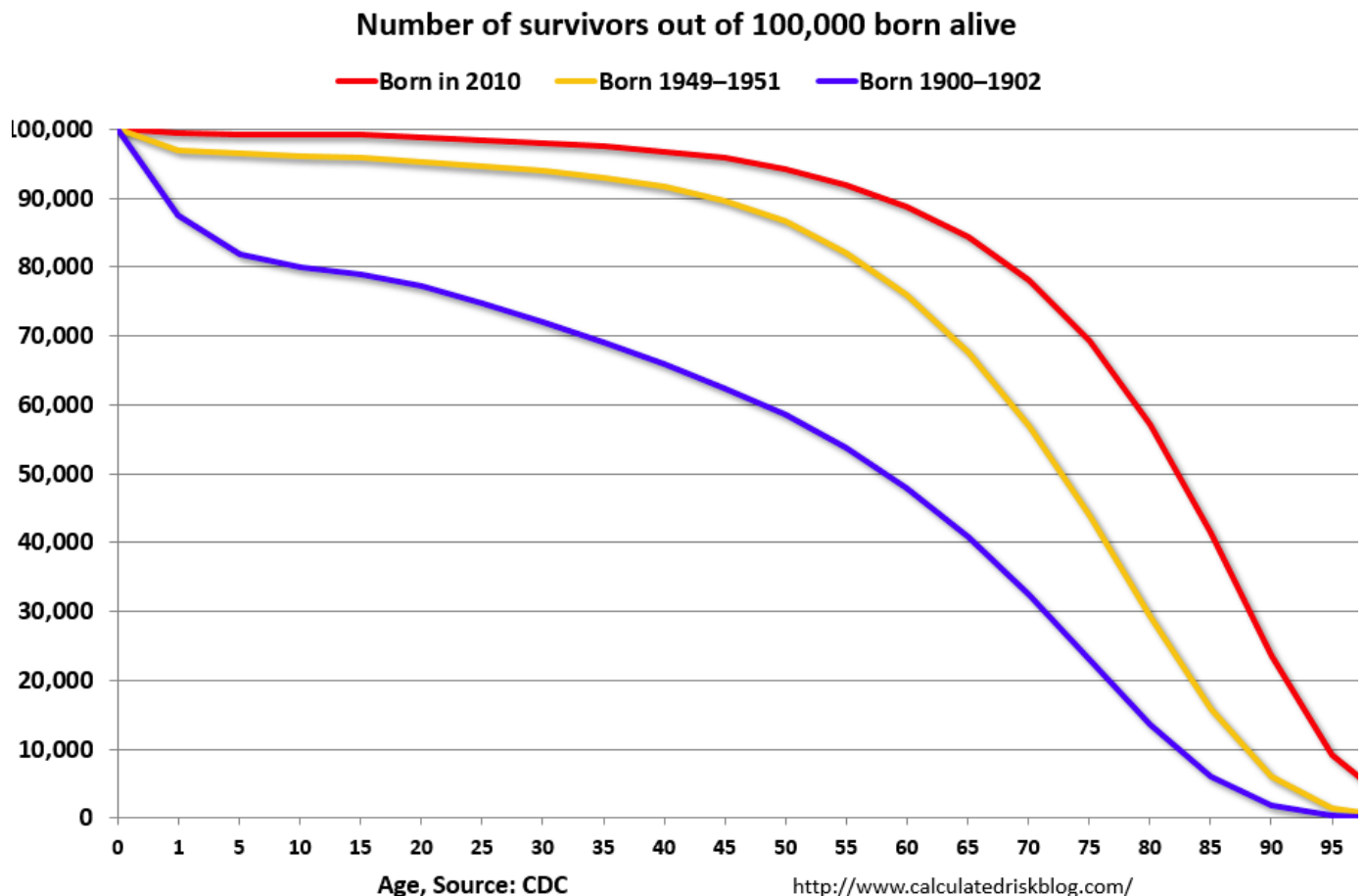
This study examines the use of agile procurement within an electrical manufacturing, distribution, and construction supply chain to provide readers with a greater understanding of:

- **What services are most widely requested?**
- **Who is currently charging for added services?**
- **How can these services be monetized?**
- **What are some ways agile procurement can deliver greater value to manufacturers, distributors and contractors?**

Members of both the National Electrical Contractors Association and the National Association of Electrical Distributors participated in a survey so investigators would gain a better understanding of their approach to materials management, services, and delivery options. Along with the results of the survey, this report presents case study reviews that focus on opportunities for contractors to utilize manufacturer and distributor value added services.

CALCULATED RISK

Every picture tells a story, don't it?



“Calculated Risk” a Finance and Economic blog by Bill McBride.

If you want to subscribe yourself, see the link below.

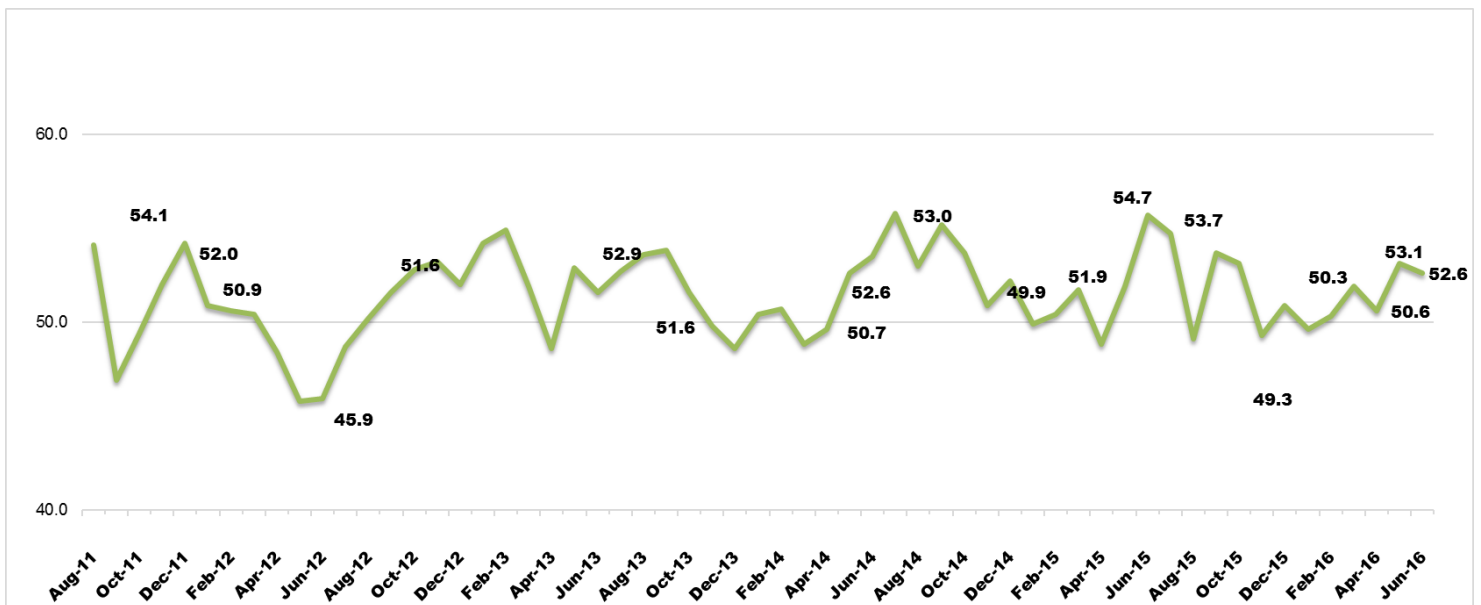
Click [Here](#).

Architecture Billings

Index “Remains on Solid Footing” in June . . . [read more.](#)

June ABI 52.6

Any score above 50 indicates an increase and score below indicates a decline.



SYNERGY
eLinks

[2014 NEC CODE CHANGES](#)

[HAPPY BIRTHDAY NECA](#)

[THE INTERNET OF YOU](#)

[NECA CONVENTION WEBSITE](#)

[EDGE BUILDING IN AMSTERDAM](#)

[AGILE PROCUREMENT AND IT'S ROLE IN
ADDING VALUE](#)



August 2016

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thur</i>	<i>Fri</i>	<i>Sat</i>
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15 CIR (15th—17th)	16	17	18	19	20 The BOB (20th-22nd)
21	22	23	24 Retirement Trust Training Center Martinez 10:00 a.m.	25 JATC Training Center Martinez 3:00 p.m.	26	27
28	29	30 Joint Meeting Industry Trust NECA Board of Directors Plate & Vine 11:45 a.m.	31			



CONTRA COSTA CHAPTER
1024 Court Street, Martinez, CA 94553
(925) 372-3222
www.ccneca.org