



## EGSA Spring Conference, Savannah, GA 2014

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2014 Spring Convention - Savannah, GA



# WE ARE A **GLOBAL** ORGANIZATION

At UL, our mission of working for a safer world since 1894 is at the core of everything we do.

- Advancing safety through careful research and investigation
- Preventing or reducing loss of life and property
- Promoting safe living and working environments for all people

## 7,000 EMPLOYEES



**103**  
INSPECTION  
CENTERS



SERVICING  
CUSTOMERS IN



**100**  
COUNTRIES



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# DELIVERING UNMATCHED EXPERTISE & THOUGHT LEADERSHIP

From the adoption of electricity to the advent of wireless interoperability, UL is the leading voice for global safety. Our deep knowledge and expertise make us invaluable in:

- Developing standards
- Creating codes
- Researching safety breakthroughs
- Helping customers design, produce, package and sell safer products



# WE PROVIDE GLOBAL MARKET **ACCEPTANCE**

Our Marks are on more than 23 billion products worldwide, per year, signaling peace of mind to consumers, customers, businesses and governments.

# 23 BILLION

UL MARKS APPEAR ON PRODUCTS ANNUALLY

**2 BILLION**  
CONSUMERS  
WERE REACHED  
BY UL IN ASIA,  
EUROPE  
AND NORTH  
AMERICA



**MORE THAN**  
**500K**  
FOLLOW-UP  
INSPECTION  
VISITS WERE  
CONDUCTED  
BY UL

**19,722**  
TYPES OF PRODUCTS  
EVALUATED BY UL

**1,413**  
CURRENT STANDARDS  
FOR SAFETY PUBLISHED  
BY UL

**88,189**  
PRODUCT EVALUATIONS  
CONDUCTED BY UL

**160,881**  
NUMBER OF ACTIVE  
FILES



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# THE DEFINITION OF **SAFETY** IS CONSTANTLY **EVOLVING** AND **SO IS UL**



- Chemicals
- Food and water
- Infrastructure
- Initial adoption of electricity
- Medical devices
- Nanotechnology
- New sustainability breakthroughs
- Renewable energy
- Wireless integration



# Codes and Standards

## United States

- UL 2200, UL 6200
- NFPA 70, 110
- OSHA

## International

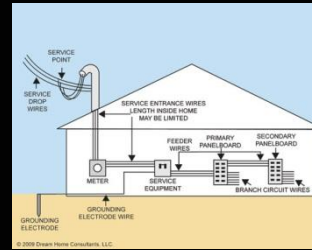
- ISO 8528, 13849
- IEC 60034
- AS 2790, 3814
- EU Directives
  - Low Voltage
  - Safety of Machinery
  - EMC
  - ATEX
- CSA – 100, 14



# UL LLC Involvement



Standards Committees



LISTED



International Regulations



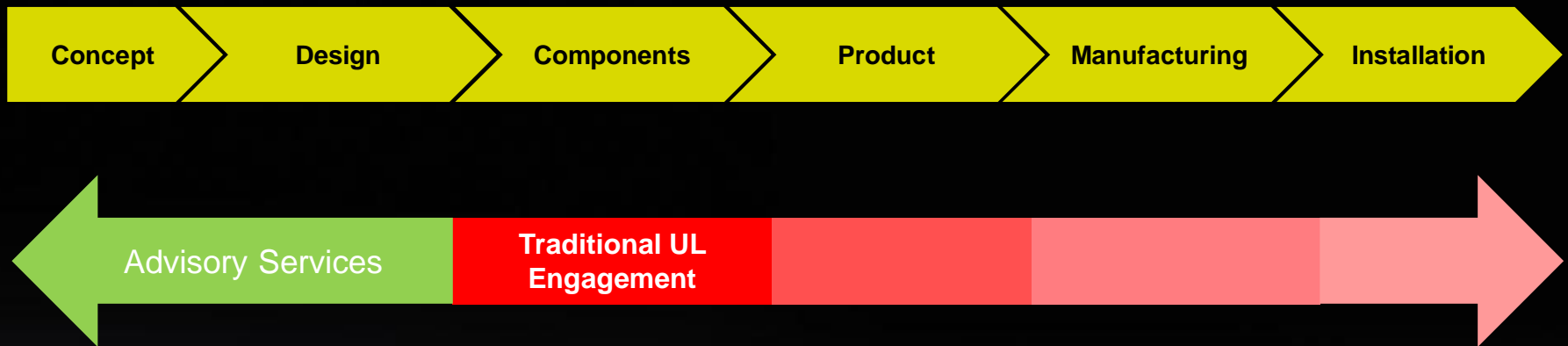
Regulatory Services



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# Rules of Engagement



**Late problem discoveries can extend time to market**  
**Missed launch dates and/or reworking product have competitive and financial implications**

**UL Field Services**





# Market Trends

## International regulations

- Australia, EU
- Emerging markets

## Controls functionality

- Overload protection
- Paralleling

## Remote control and management

- Smart phone control
- Remote telemetry
- Power management

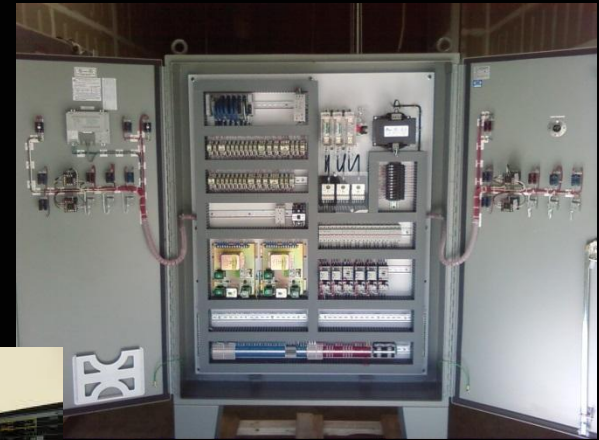
## Increase in global producers

## Continued product cost reduction

- In reaction to increase in global producers

## Increase in supplier level certification

- Increase marketability for component suppliers



# THANK YOU.



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