

# Palo Alto Fire Department

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## Fire & Technology Opportunities (EMS too)

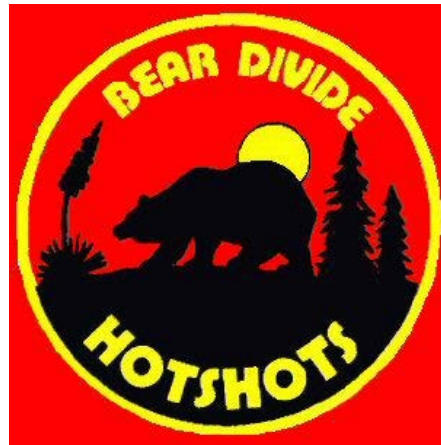


**TFRSAC**

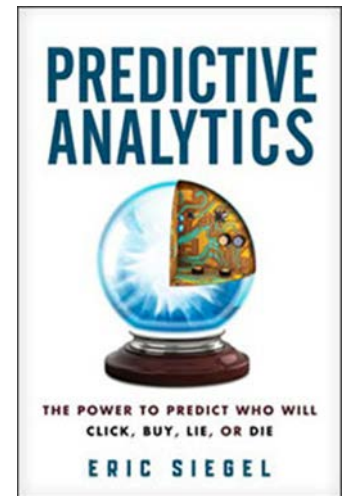
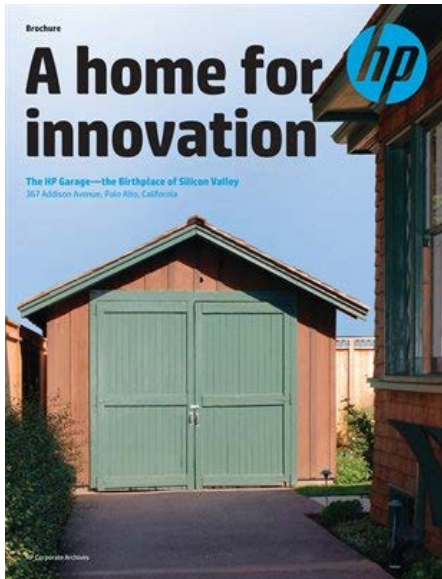
**April 29, 2014**

# Some background

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# Why Palo Alto?





# How does a local fire department meets the changing community needs?

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**The Palo Alto  
Fire, EMS &  
Rescue  
Department  
does a bit of  
everything**

**More  
importantly**

We need technology  
to prepare for future  
service needs

# What is expected of a local fire department

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Fire Suppression (Structure & Wildland)	Emergency Medical Services (EMS) / Paramedics
Technical Rescue	<b>Ambulance Transportation</b>
False alarms & alarm system malfunctions	Domestic Preparedness & Homeland Security
Hazardous Materials Mitigation	Utilities Emergencies
Public Education	Fire Investigation
Fire Prevention	Public service calls
Animal calls	Lockouts
Assist Law Enforcement	Storm response (flood calls)
Bike Licensing	Mutual Aid
Disaster preparation & response	<b>Community Risk Reduction</b>

# Demographics of Risk

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17% of the population  
50% of EMS  
transports



# Can we predict service needs?

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## Community Risk Reduction



**EMS**



**Early detection  
of fire**





# Predictive Analytics Project

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## City data

- Assessed valuation
- Age of home
- Age of homeowner
- Any improvements  
(building / electrical permits)
- Energy usage\*
- Fire & EMS call data

# Where we're going

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## Future excellence through innovation

- Responding before a call is needed (the Silver Tsunami is coming)
  - Community Paramedics
  - Community Risk Reduction
- Predictive analytic technology
- Peak call time staffing
- Different response vehicles
- Community AEDs
  - PulsePoint



**COMMUNITY  
PARAMEDIC**



# Questions

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## Thank you

- Find us on facebook at

**Palo Alto Fire Department**

- Twitter

**@PaloAltoFire**

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