

## 9. REFERENCES

---

### Bibliography

- [1] Wikipedia, "Wikipedia Safety Management Systems," Oct 2013. [Online]. Available: [http://en.wikipedia.org/wiki/Safety\\_management\\_systems](http://en.wikipedia.org/wiki/Safety_management_systems).
- [2] Wireless Innovation Forum, "Use Cases for Cognitive Applications in Public Safety Communications Systems Chemical Explosion Scenario," Wireless Innovation Forum, 2010.
- [3] APCO International, "Unified CAD Project," 2013. [Online]. Available: [https://www.apcointl.org/component/docman/doc\\_download/375-high-priority-info-sharing-needs-for-emerg-comm-and-first-responders-final-pdf.html?Itemid=725](https://www.apcointl.org/component/docman/doc_download/375-high-priority-info-sharing-needs-for-emerg-comm-and-first-responders-final-pdf.html?Itemid=725).
- [4] D. Evans, "The Internet of Everything: How More Relevant and Valuable Connections Will Change the World," *CISCO White Paper [Online]*. <http://www.cisco.com/web/about/ac79/docs/innov/IoE.pdf>, last access: July, 2013.
- [5] "SMS for Public Safety – Handbook for ESI & GSI Companies," July 2011.
- [6] Gas Association of New Zealand, SMS for Public Safety – Handbook for ESI & GSI Companies, New Zealand: Electricity Engineers Association , New Zealand, July 2011.
- [7] N.-T. Dinh and Y. Kim, "RESTful Architecture of Wireless Sensor Network for Building Management System.," *KSII Transactions on Internet & Information Systems*, 2012.
- [8] N.-T. Dinh and Y. Kim, "RESTful Architecture of Wireless Sensor Network for Building Management System.," *KSII Transactions on Internet & Information Systems*, vol. 6, 2012.
- [9] M. Rausand, Reliability of Safety Critical Systems, Jhon Wiley & Sons, 2014.
- [10] "Public Safety Architecture Framework Volume I, II, III," 2006.

- [11] Dept. of Homeland Security, "Public Safety Architecture Framework Volume I, II, III," Department of Homeland Security, 2006.
- [12] M. Turk, "Process Safety Management : Going Beyond Functional Safety," *Hydrocarbon Processing*, 01 03 2013.
- [13] D. W. B. a. D. C. Lawrence, "Principles of Emergency Management," 2007.
- [14] J. Boyd, "Organic design for command and control," *A discourse on winning and losing*, 1987.
- [15] J. R. Boyd, "Organic design for command and control," *A discourse on winning and losing*, 1987.
- [16] NIEM, "NIEM Emergency Management," [Online]. Available: [www.niem.gov](http://www.niem.gov).
- [17] "Models of Causation : Safety," 2012.
- [18] OHS Body of Knowledge, Safety Institute of Australia, Models of Causation : Safety, Safety Institute of Australia, 2012.
- [19] K. Balachandran, K. Budka, T. Chu, T. Doumi and J. Kang, "Mobile responder communication networks for public safety," *Communications Magazine, IEEE*, 2006.
- [20] K. Balachandran, K. C. Budka, T. P. Chu, T. L. Doumi and J. H. Kang, "Mobile responder communication networks for public safety," *Communications Magazine, IEEE*, vol. 44, pp. 56--64, 2006.
- [21] O. Vermesan and P. Friess, Internet of Things-Global Technological and Societal Trends From Smart Environments and Spaces to Green ICT, River Publishers, 2011.
- [22] Honeywell Process Solutions, "Integrated Fire and Gas Solution - Improves Plant Safety and Business Performance," Honeywell Process Solutions, 2011.
- [23] Wireless Innovation Forum, "Information Process Architecture," Wireless Innovation Forum, 2012.
- [24] International Electro-Technical Commission IEC, IEC Smart Grid Standardization Roadmap, IEC, June 2010.

- [25] E. Hollnagel, FRAM – The Functional Resonance Analysis Method., London: Ashgate, 2012.
- [26] D. S. Mannan, "Environment and Public Works," Mary Kay O'Connor Process Safety Center Texas A&M Engineering Experiment Station, 27 June 2013. [Online]. Available: [http://www.epw.senate.gov/public/index.cfm?FuseAction=Files.View&FileStore\\_id=12b33b05-57d8-474a-a5d2-ded91814b20c](http://www.epw.senate.gov/public/index.cfm?FuseAction=Files.View&FileStore_id=12b33b05-57d8-474a-a5d2-ded91814b20c). [Accessed 29 June 2013].
- [27] J. C. K. a. P. J. Graydon, "Engineering, Communication, and Safety," in *Proc. 12th Australian Conference on Safety-Related Programmable Systems*, Adelaide, Australia, 2007.
- [28] J. C. K. a. P. J. Graydon, "Engineering, Communication, and Safety," in *Proc. 12th Australian Conference on Safety-Related Programmable Systems*, Adelaide, Australia, 2007.
- [29] N. Leveson, *Engineering a Safer World*, Massachusetts : MIT Press, 2011.
- [30] Edge Innovation Network, "Edge Innovation Center of Emergency Informatics," Sept 2013. [Online]. Available: <http://www.edge-innovation.com/>.
- [31] Visiting Committee on Advanced Technology, National Institute of Standards and Technology, "Desirable Properties of a Nationwide Public Safety Communication System," NIST, 2012.
- [32] A. F. Cristina Ribeiro, "Computational Public Safety in Emergency Management Communications," in *Proceedings of the 6th International Wireless Communications and Mobile Computing Conference*, IWCMC '10 .
- [33] OASIS Open, "Common Alerting Protocol," 1 July 2010. [Online]. Available: <http://docs.oasis-open.org/emergency/cap/v1.2/CAP-v1.2-os.html>.
- [34] International Association of Oil & Gas Producers, "Cognitive issues associated with process safety and environmental incident," <http://www.ogp.org.uk/pubs/460.pdf>, July , 2012.
- [35] "Capsnet Strategic Plan," California Technology Agency, 03 03 2011. [Online]. Available: [http://www.caloes.ca.gov/PSC/Documents/PDF/CAPSNET\\_Strategic\\_Plan\\_03-03-2011.pdf](http://www.caloes.ca.gov/PSC/Documents/PDF/CAPSNET_Strategic_Plan_03-03-2011.pdf). [Accessed 10 10 2012].
- [36] S. Zhang, J. Teizer, J.-K. Lee, C. M. Eastman and M. Venugopal, "Building information modeling (BIM) and safety: automatic safety checking of construction models and schedules," *Automation in*

*Construction*, vol. 29, pp. 183--195, 2013.

- [37] T. P. Kelly, *Arguing safety: a systematic approach to managing safety cases*, University of York, 1999.
- [38] J. Santos-Reyes and A. N. Beard, "A systemic approach to managing safety," *Journal of Loss Prevention in the process industries*, vol. 21, pp. 15--28, 2008.
- [39] C. K. N. S. S B Aanandh, "A Review of Functional Safety Models for Public Safety Management Systems," *Journal Of System Safety*, pp. 20-31, 2014.
- [40] Z. H. Quereshi, *A Review of Accident Modelling Approaches for Complex Critical Sociotechnical Systems*, Australia: Department of Defence, Australian Government , 2008.
- [41] 3G Partnership Program, "3GPP Public Safety," July 2013. [Online]. Available: [www.3gpp.org/public-safety](http://www.3gpp.org/public-safety).
- [42] OSHA, "1910.120," [Online]. Available: [www.osha.gov](http://www.osha.gov).
- [43] K. S. Hossam A. Gabbar, " The Design of a Practical Enterprise Safety Management System," *Springer*, 29-Apr-2005..