



American Society for Quality (ASQ) — Washington, DC & Maryland Metro Section (509),
Software Special Interest Group (SSIG)
IEEE Computer Society — Washington, DC & Northern Virginia Chapters
Society for Software Quality (SSQ) — Washington, DC Area Chapter

Teaching An Old Dog New Tricks: Agile For Legacy Systems

Presented by Craig Strong

Tuesday June 23, 2015

6:30 PM – Networking and Pizza

7:00 – 8:00 PM – Program

There is no cost to attend at McLean, Silver Spring

Agile software development methods are now well established in many commercial organizations, and are starting to make inroads into government contexts. There are reports of software development projects using Agile methods that achieve significantly higher levels of productivity and quality compared with projects that used traditional methods. When it comes to brand new “start from scratch” software projects, a wealth of information, advice, training, and literature exists to help guide practitioners and speed them along the path to agility. Unfortunately, most such publically available resources have relatively little to say when it comes to legacy systems. Fortunately, there is a small but growing amount of evidence that agile practices can yield compelling benefits for legacy projects—even those that have been previously successful using traditional methods. Our experience suggests that agile practices need to be customized and introduced in a different order into a legacy project. This presentation provides an analysis of the differences between legacy projects and new software development and the implications for the adoption of agile methods.

Craig Strong is the CTO of Ariel Partners and currently the Technical Lead of the FBI CODIS project shepherding a transition from waterfall to Agile. He has 25 years of experience in information technology, starting at Project Athena during his undergraduate studies at MIT. He owns a small consulting business based in New York City and Washington DC. Mr. Strong is an experienced “turn-around” artist, and has successfully instituted Agile practices on some of the largest and most complex commercial and government software projects. His areas of expertise are as a hands-on software architect and agile coach. Mr. Strong is a Certified Scrum Master, Project Management Professional, and a contributor to the Apache Ant open source automated build tool.



Locations and Registration

The [presenter will be at Mitre McLean location](#) with the presentation [video teleconferenced to](#):

MITRE-2, Room 1N100 7515 Colshire Drive McLean, VA 22102 <i>Host: Scott Ankrum, Cell 240-731-7581</i>	MITRE, Room 2503 260 Industrial Way West Eatontown, NJ 07724 <i>Host: Aaron Dagen, Desk: 732-578-6301</i>
US Food and Drug Administration (White Oak) Building 66, Room G512 10903 New Hampshire Ave Silver Spring, MD 20993 <i>host: James Simpson, Cell: 301-996-4976</i>	MITRE, Room 02-301 Northgate Building A, 209 Research Blvd., Aberdeen, MD 21001 <i>Host: Richard Eng, Cell: 703-201-9112</i>

If you can host another location via VTC, please contact Scott Ankrum (below)

Join online meeting https://meet.mitre.org/ankrums/M9GRS6JR	
Join by Phone +1 (703) 983-2020	Conference ID: 9105627
Find a local number:	https://dialin.mitre.org/
Forgot your dial-in PIN? First online meeting?	http://r.office.microsoft.com/r/rlidOC10?clid=1033&p1=4&p2=1041&pc=oc&ver=4&subver=0&bld=7185&bldver=0

Registration: Webpage: <http://www.asq509.org/ht/d/DoSurvey/i/26913>

You must register by noon on Monday, June 22. If you cannot attend at any location, select telephone dial-in when you register. FDA (Silver Spring) cannot host non-citizen visitors. If not a US citizen, please provide your title, employer, and address. Allow 2 business days for registration before the meeting.

For registration problems or further information contact Scott Ankrum at: ankrums@mitre.org or 703-983-6127

Software SIG Chairman: T. Scott Ankrum (ASQ & IEEE)
Software SIG Committee: Salwa M Abdul-Rauf, Farzad Aidun, Aaron Dagen, Richard Eng, Harriet Farmer, Rhonda L. Farrell, James L. de la Houssaye, Chris Jones, Lance Kelson, Alfred Kromholz, James M. Simpson

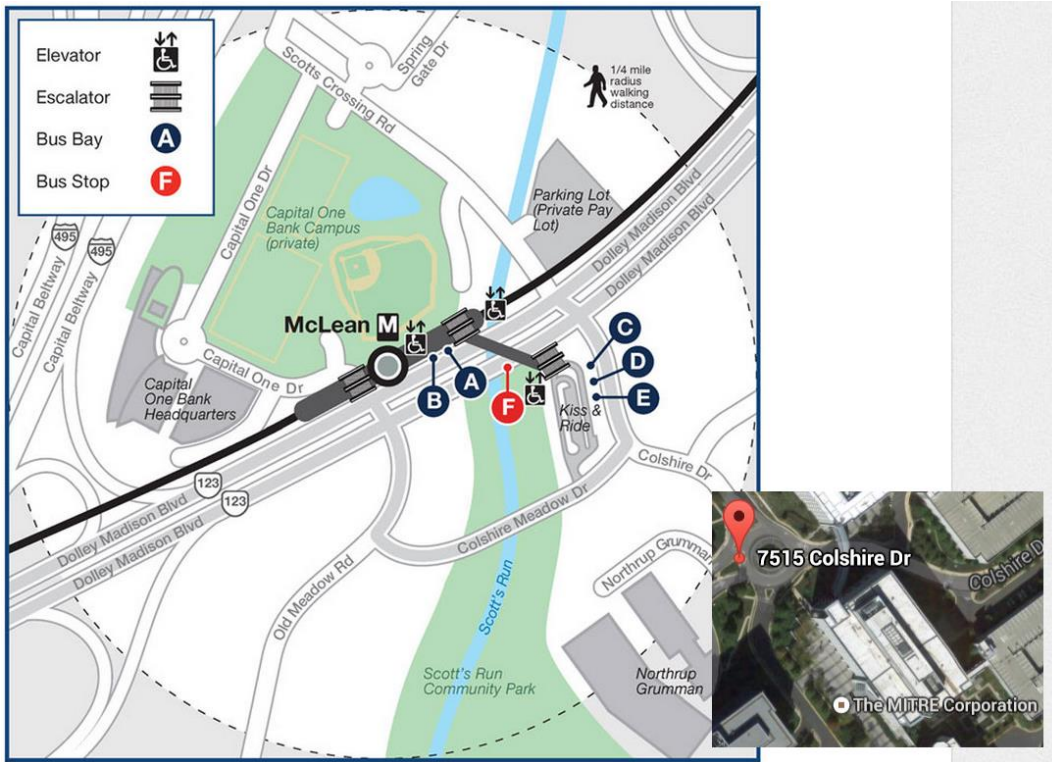
Sponsored Jointly By: The American Society for Quality (ASQ), Washington DC & Maryland Metro Section (509), Software Special Interest Group (SSIG); IEEE Computer Society, Washington, DC & Northern Virginia Chapters; and Society for Software Quality (SSQ), Washington, DC Area Chapter. Members of the **ASQ SSIG** include software quality professionals, software engineers, and others interested in applying quality principles to the field of software development. See our web page: <http://www.asq509.org/ht/d/sp/i/2499/pid/2499>. We meet every month, usually at the MITRE facility in McLean, Virginia, with VTC to other locations

Next month, on Tuesday, July 23, 2015:

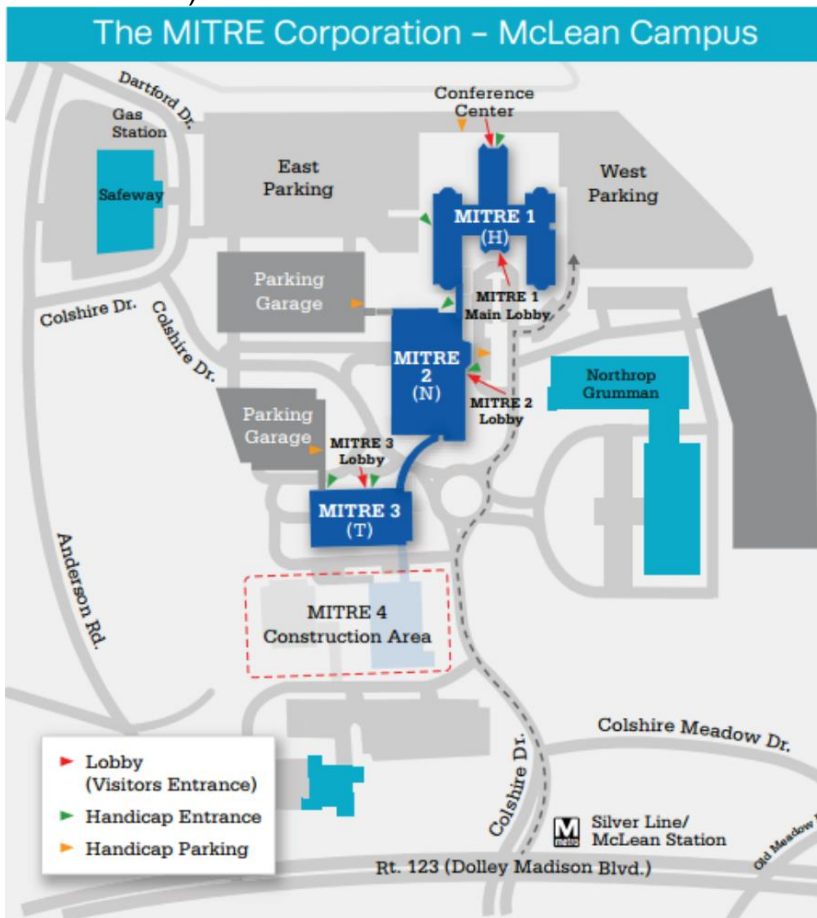
“Software Service Level Agreement and Database High Availability Solutions”

by Michael Chapiro

NEW Directions to the MITRE-2 Facility in McLean, Virginia (via Metro Silver line):

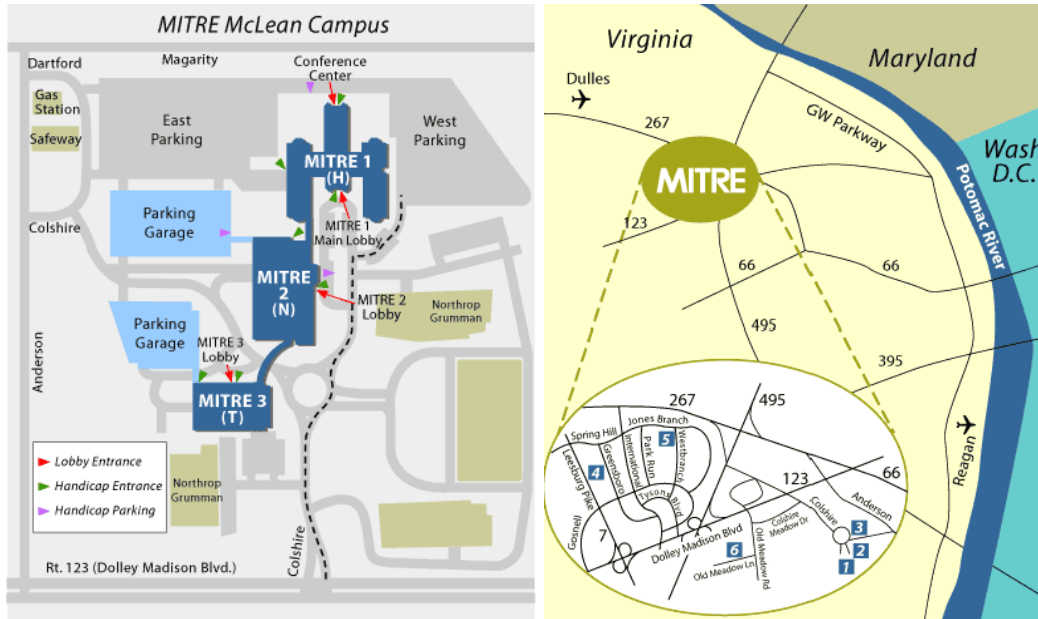


5-6 Minute walk from McLean Metro Station using pedestrian bridge crossing Rt. 123 (Dolly Madison Blvd)



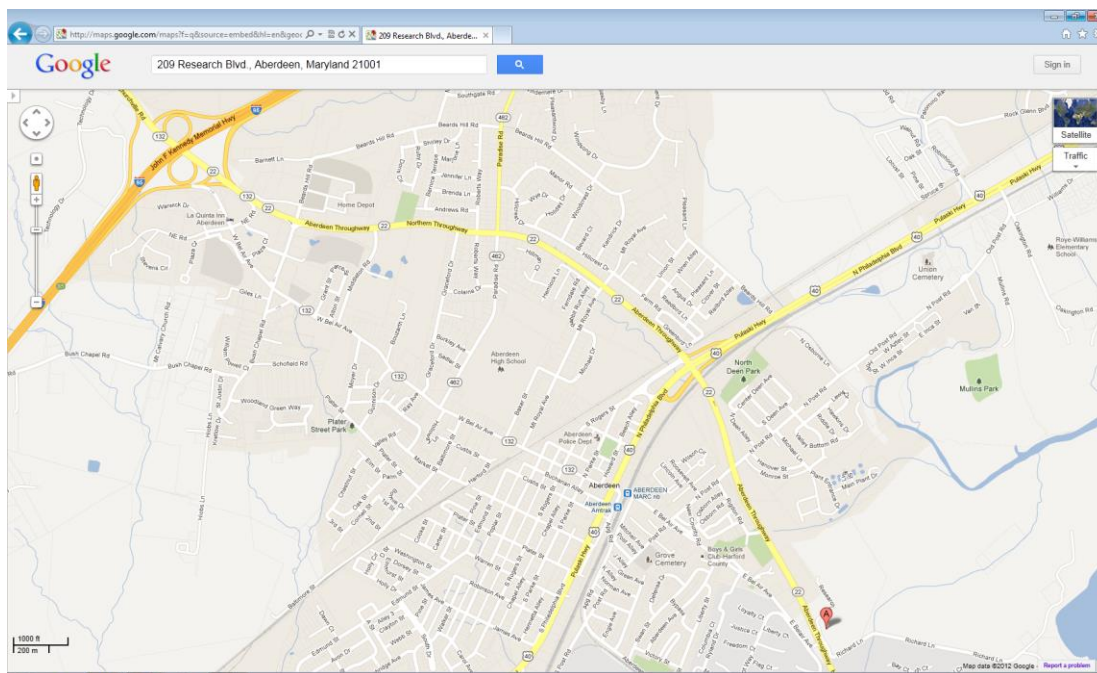
Directions to the MITRE-2 Facility in McLean, Virginia:

Take the Beltway, I-495 to Virginia. Take Exit 46B (McLean, Route 123). Take Route 123 North, (also called Dolley Madison Blvd.) and go to the second traffic light at Colshire Drive. Turn right on Colshire Drive and continue through circle on Colshire. **Park in front of or to the right of the buildings, before passing the gate. (The gates are closed at 7:00).** Additional directions can be found at: http://www.mitre.org/about/locations/va_mclean_mitre2.html



Directions to the MITRE-Aberdeen Facility

From I-95, take MD 22 East/Aberdeen Throughway/Northern Throughway. Turn left at Richard Ln. Turn left onto Research Blvd.



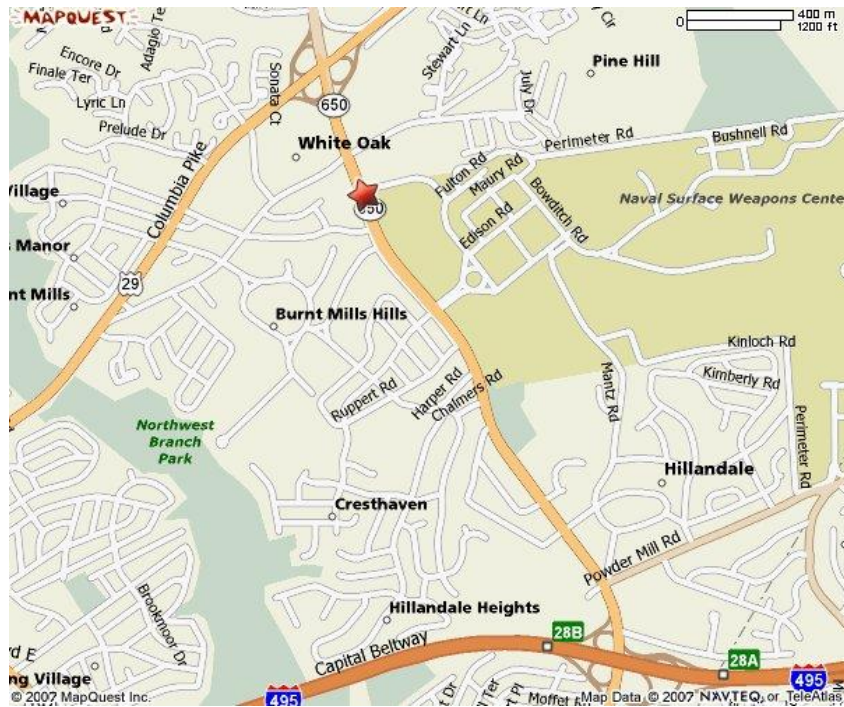
Directions to the FDA facility in Silver Spring, MD:

From the Capital Beltway, I-495, take New Hampshire Ave, Rt 650 north to Michelson Rd.

From Columbia Pike, Rt 29, take New Hampshire Ave, Rt 650 south to Michelson Rd

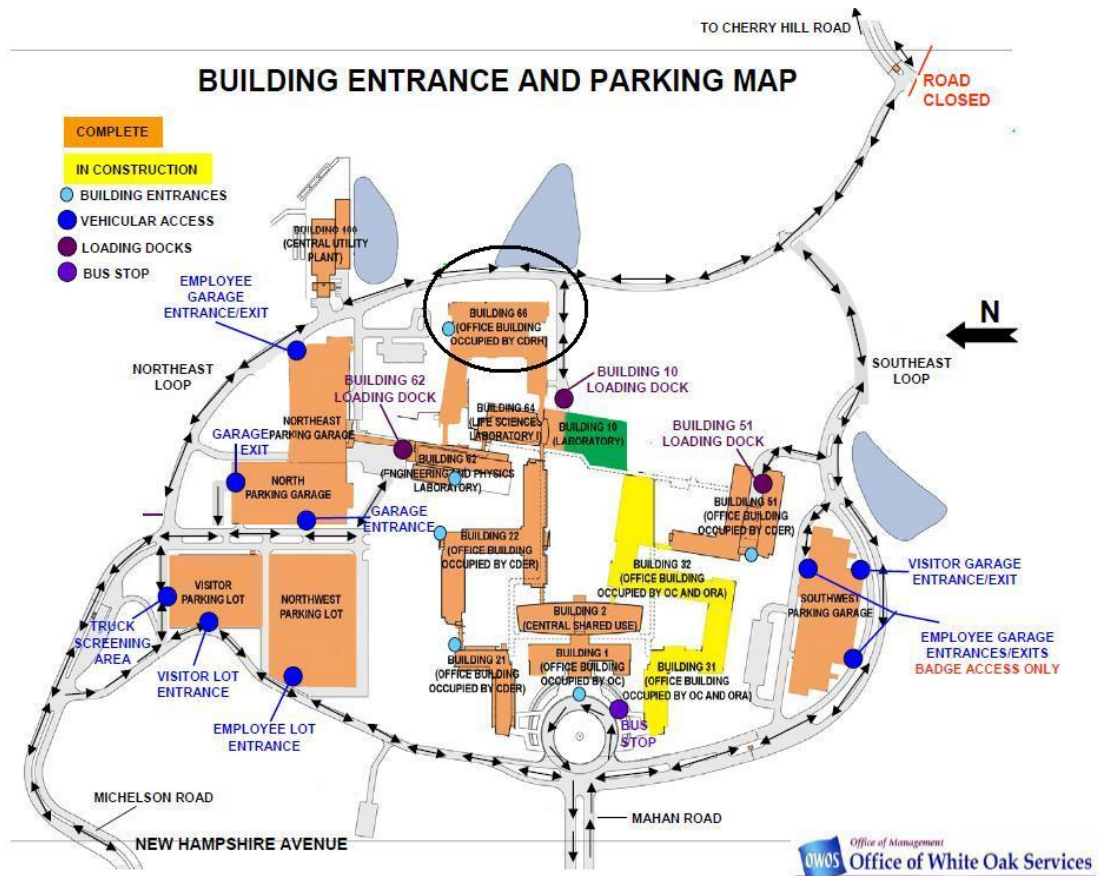
From the Capital Beltway, I-495, take New Hampshire Ave, Rt 650 north to Michelson Rd.

From Columbia Pike, Rt 29, take New Hampshire Ave, Rt 650 south to Michelson Rd



White Oak Building 66 (circled), room G512. This is a large conference room just beyond the Security desk on the right side of the grand atrium.

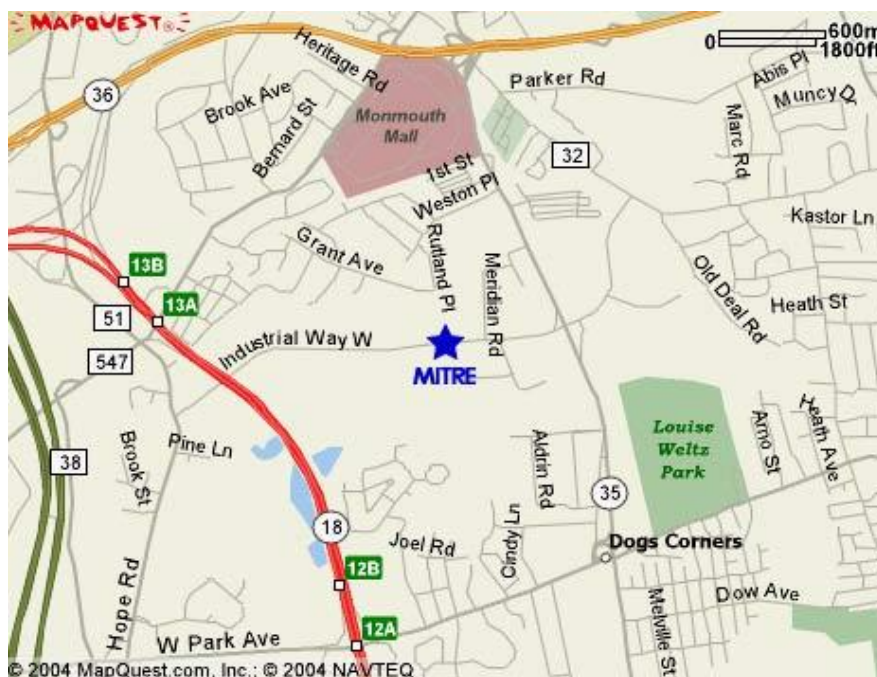
After 6 PM, visitors may use the surface parking closest to the building 66 entrance which are reserved for commuters with car pools. The north east parking garage is also an option.



Directions to the MITRE Facility in Eatontown, New Jersey:

From the New Jersey Turnpike

If traveling from the **SOUTH**, get off the Turnpike at Exit 7A (195 toward Shore Points). Take 195 East towards the ocean and shortly after 195 turns into Route 138 (approximately 35 miles) watch for Route 18 North (Eatontown). Take Route 18 North to Exit 13A (Wayside West/Wyckoff Road). At end of ramp, bear left. At first traffic light (Hope Road) make a left turn. Make second left turn onto Industrial Way. The MITRE Corporation is next to the First Atlantic Credit Union on the left hand side of Industrial Way. There is a MITRE sign out front. There are two buildings on the left side of Industrial Way. The first building is MITRE, the second building is TYCO. Take a left turn into the parking lot of the first building, which is MITRE.



If traveling from the **NORTH**, get off the Turnpike at Exit 11 (Garden State parkway exit). Follow the Garden State Parkway until Exit 105 (Eatontown). Follow the directions from the Garden State Parkway below.

From the Garden State Parkway: Follow the Garden State Parkway from the North or from the South to Exit 105 (the exit numbers increase going from south to north). After paying the toll at Exit 105, make first right turn onto Hope Road. Follow Hope Road to Industrial Way (second left turn after crossing Wyckoff/Shafto Road). Make second left turn onto Industrial Way. The MITRE Corporation is next to the First Atlantic Credit Union on the left hand side of Industrial Way. There is a MITRE sign out front. There are two white buildings on the left side of Industrial Way. The first building is MITRE, the second building is TYCO. Take a left turn into the parking lot of the first building, which is MITRE.

When you are facing the front of the MITRE building, the entrance to the ASQ meeting will be from the left parking lot opposite First Atlantic bank. Follow the signs to the conference room.