## The MITRE Systems Engineering Guide Practical Guidance for Systems Engineering

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# An Initiative of the Office of the Corporate Chief Engineer (OCCE)

#### OCCE ...

- Formed to enhance corporate-wide practice of systems engineering
- Enhance technical quality of MITRE work
- Promote cross-cutting integration
- Champion enterprise engineering Today's focus





### The MITRE SE Guide

- Practical guidance on MITRE systems engineering
  - Like having a discussion with a MITRE expert available 24/7
- Primary Audience
  - MITRE staff leading or performing an FFRDC SE activity
  - Individuals who want to learn SE from this perspective

#### Purpose

- Convey accumulated wisdom on systems engineering practice
- Accelerate individuals up the learning curve
- Hit the ground running with that knowledge in customer environment
- Sources of wisdom
  - MITRE experience (> 130 senior contributors across the Corporation)
  - Other sources when they provide practical advice for MITRE SEs
- Complements, does not duplicate, other resources
- Guide organization & focus based on MITRE SE Competency Model
- 101 articles posted, more in the works



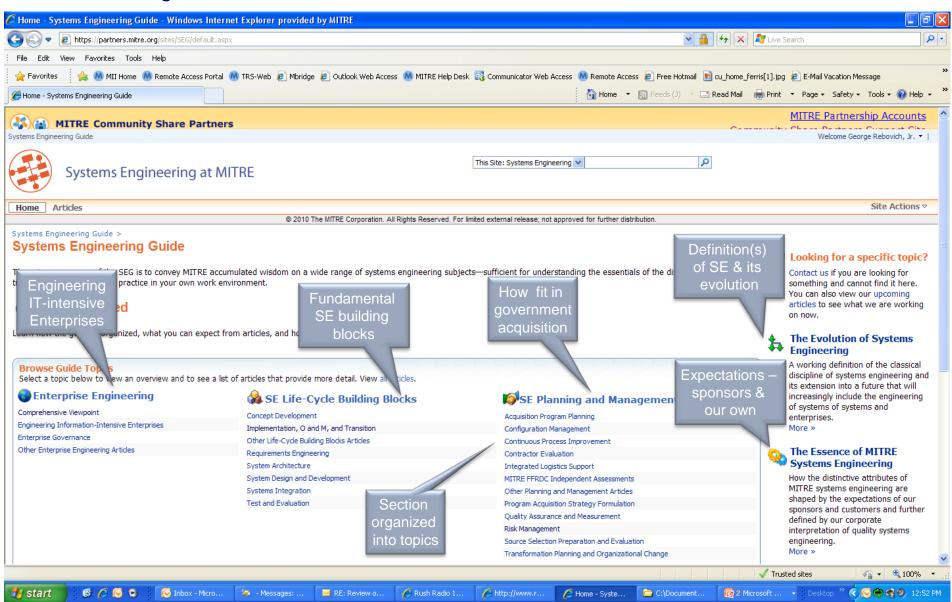
## **SE Guide – A Resource for the Customer, Too**

- Best practices & lessons learned relevant to program manager & other government member roles & responsibilities
  - Systems Engineering & Acquisition a team sport
  - Tips on specific subjects, ideas for program planning
- Brings to bear wisdom accumulated from across all MITRE customers & sponsors for the benefit of a government program

Dedicated to capturing & sharing our SE knowledge & expertise across the Corporation for the benefit of all our customers

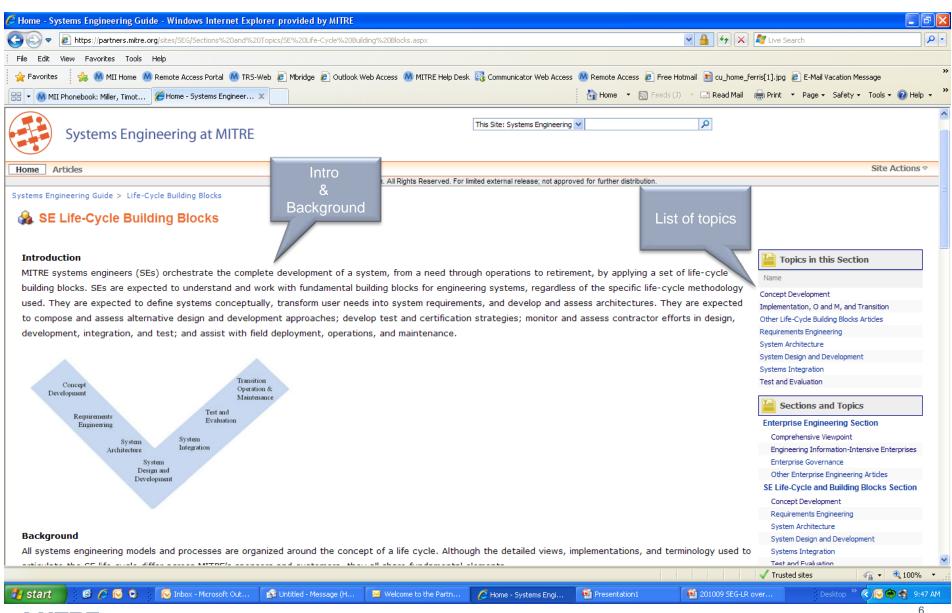


# **5 Major SEG Sections**

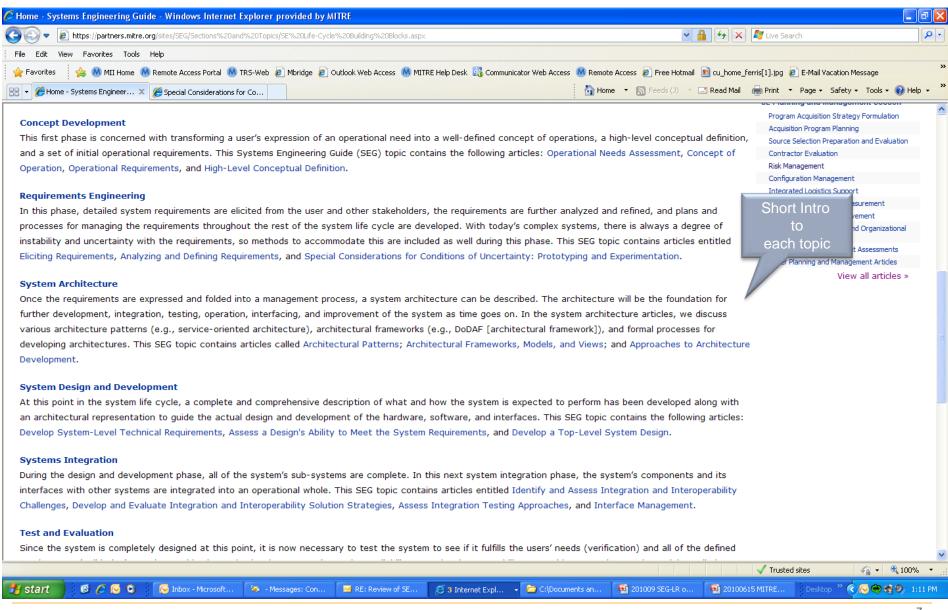




## **SEG Section Page (1/2)**

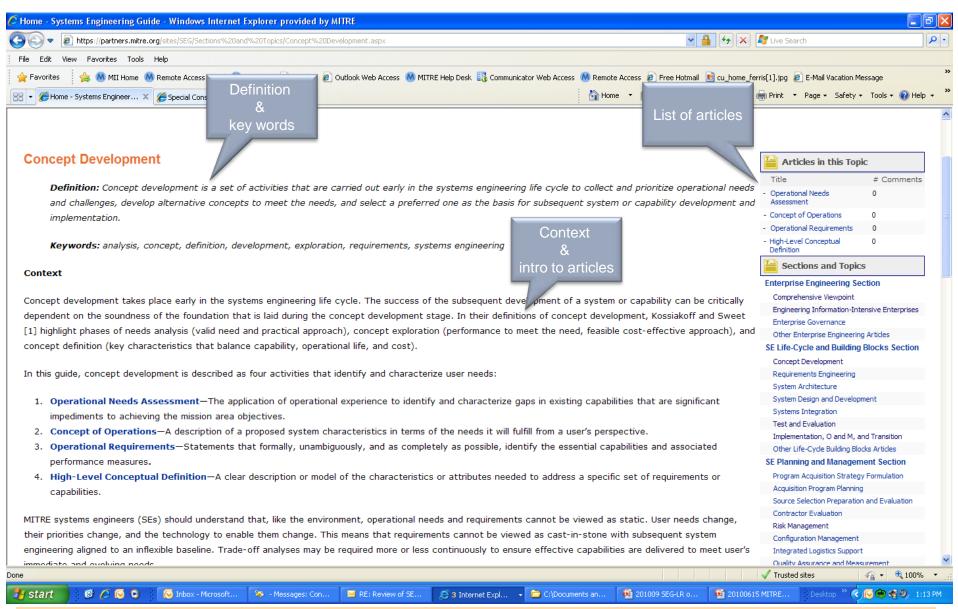


# **SEG Section Page (2/2)**



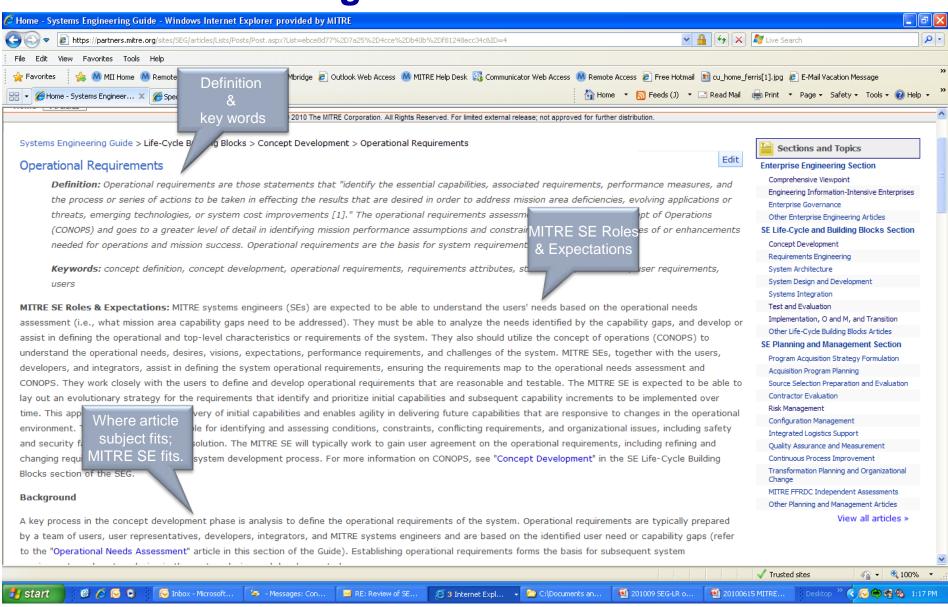


## **SEG Topic Page**



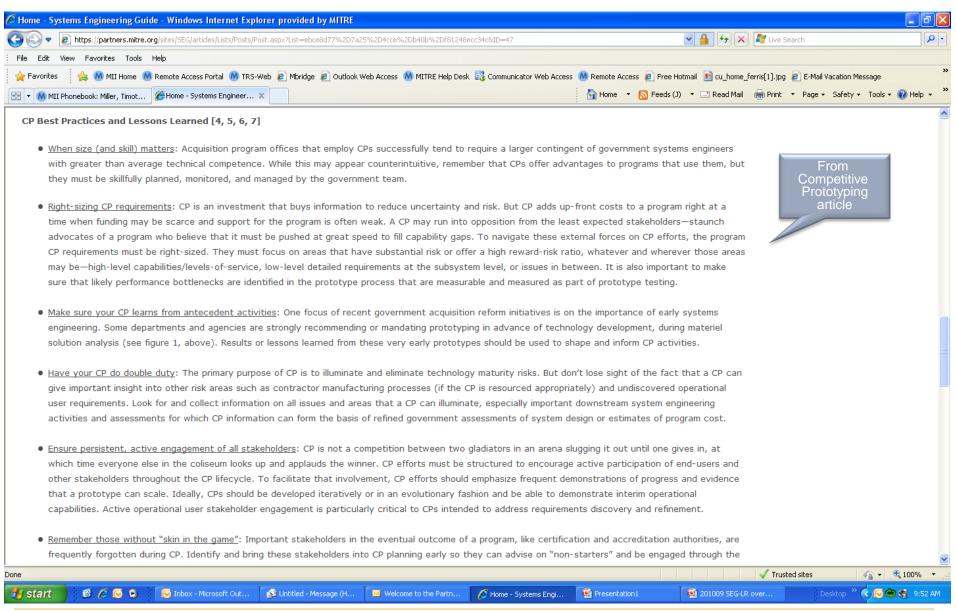


## **SEG Article Page**





#### Competitive Prototyping Article - Best Practices & Lessons Learned



# To Obtain your Account ... (active duty military, civilian government and FFRDC employees)

#### First ....

- Send an email <u>from your government or FFRDC email account</u> to <u>segteam@mitre.org</u> that:
  - Requests access to the "SEG-LR extranet site"
  - References "George Rebovich 13th Annual NDIA SE Conference"

#### Next ...

You'll receive an email asking you to set up a password

#### Then ...

You'll receive an email with a link to the site that you can access with your email address and password

#### A final note ...

Once in the site, you can suggest ideas for additional topics to cover or recommend your own best practices & lessons learned



### **Contact Information**

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