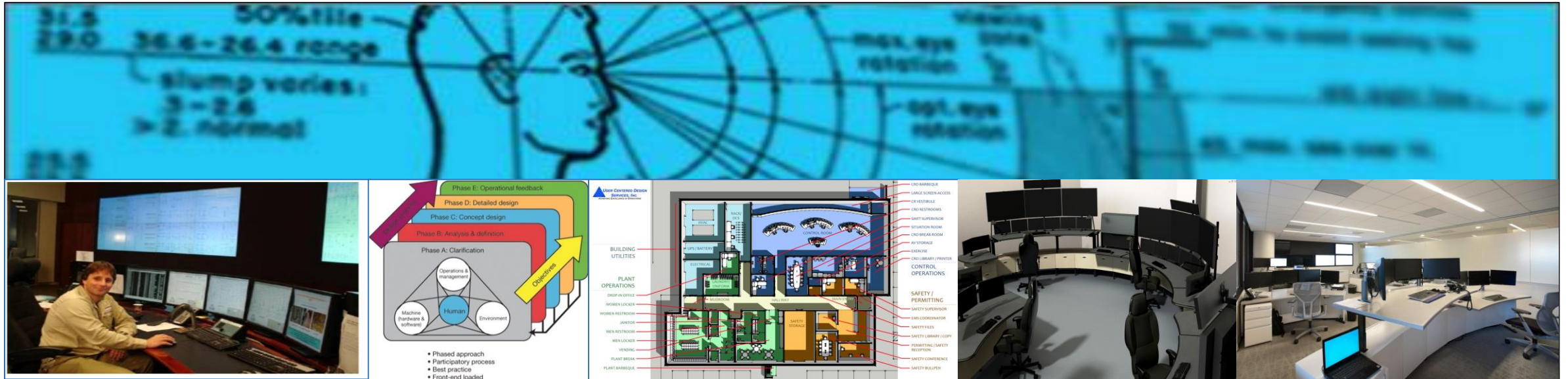


# Workshop: The High Performance Control Room

Human performance is greatly effected by the user interface design, the integrity of management information systems, and the physical location of equipment. Integration of ergonomics with the traditional approach enables the designers to define an integrated and compatible set of technical and organizational criteria. The methodology extends the consideration of required functionality from the human perspective to provide an error tolerant design that informs the user of situations they are in. Ian Nimmo



1-Day Workshop (8:00 -5:00) November 13<sup>th</sup> 2014 Houston, TX  
 \$600 Includes cocktail party, literature and lunch.

Hotel Reservation: Embassy Suites Houston Energy Corridor:  
 1-281-531-7300  
 Registration: Email or call: [smaddox@Mycontrolroom.com](mailto:smaddox@Mycontrolroom.com)  
 512-868-6798

Join us for a Cocktail Party at 7:00 PM on November 12<sup>th</sup>  
 Address: 10649 Haddington Dr. #160, Houston, TX 77043  
 Phone Number: 713-927-4991

## Workshop Agenda:

08:00: Introduction to UCDS and Evosite  
 09:00: A typical control room project (Borregaard)  
 10:00: Scoping the Project and typical issues  
 11:00: Phase I Clarification based on ISO 11064 - 1  
 12:00: Lunch  
 01:00: Requirements specification based on ISO 11064 – 2  
 02:00: Conceptual Design Process based on ISO 11064 - 3-6  
 03:00: Evosite: Ergonomic Console Design  
 04:00: Discussions

## You should attend if:

- You want to improve operator performance and moral
- Your control room is not ergonomic
- You have to comply with industry standards
- You want to consolidate control rooms
- You've out grown your control room
- You want to improve situation awareness
- You want to reduce fatigue
- You plan on implementing high performance graphics
- You are in charge of the control room design project
- You're planning to upgrade your DCS

# Workshop: The High Performance Control Room

Production downtime can be prevented by console operators, assuming they can detect and resolve abnormal situations before it's too late. In order to improve operator effectiveness through detection and response we have to improve situation awareness, incorporate human factors, and reduce human error in the control room.



## **UCDS: User Centered Design Services:**

Our vision is to implement Best Practice solutions for reducing the frequency and severity of abnormal situations, which will dramatically improve the nature of operations in production facilities. These Best Practices impact all aspects of plant operation and will result in improved plant performance, a reduction in incidents, and improved safety and profitability.

The collective background of our organization brings over 50 years of experience in the Refining and Petrochemicals industries. We have designed over 1500 control room facilities. Our first-hand plant experience enables us to design an overall work environment that optimizes operator and organizational performance.

[www.Mycontrolroom.com](http://www.Mycontrolroom.com)

## **Evosite:**

For the past ten years, Evosite has delivered quality control room furniture to the Petrochemical, Power, Refining and Pipeline industries. All elements of these projects – design, manufacturing and installation are executed from our home office in Houston, Texas. We're a streamlined organization and every person is dedicated to provide you with the best overall value in the marketplace.

As a vital member of your team, we invite your input during the design phase as we strive to meet your specific requirements and your expectations. All our consoles are assembled and quality checked before they're delivered to you.

Our solid track record is built on keen customer service, creative thinking and high quality products. In fact, most of our projects come from repeat customers. Even though every project is different, our goal remains the same – to design and deliver the right purpose-built control room furniture for you. [www.evosite.com](http://www.evosite.com)