

# A Semantic Knowledge Graph Enabled Transformer for Reasoning and Decision Making

John C. Strassner, Ph.D. CTO, Standards and Industry Futurewei Technologies john.sc.strassner@futu

# **Business-System Cognitive Dissonance**

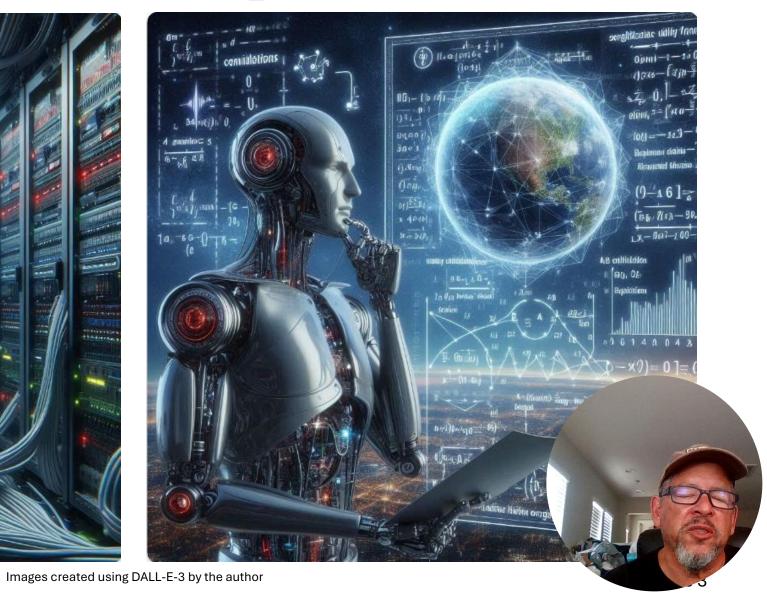




Images created using DALL-E-3 by the author

## Addressing the Needs of Developers and End Users





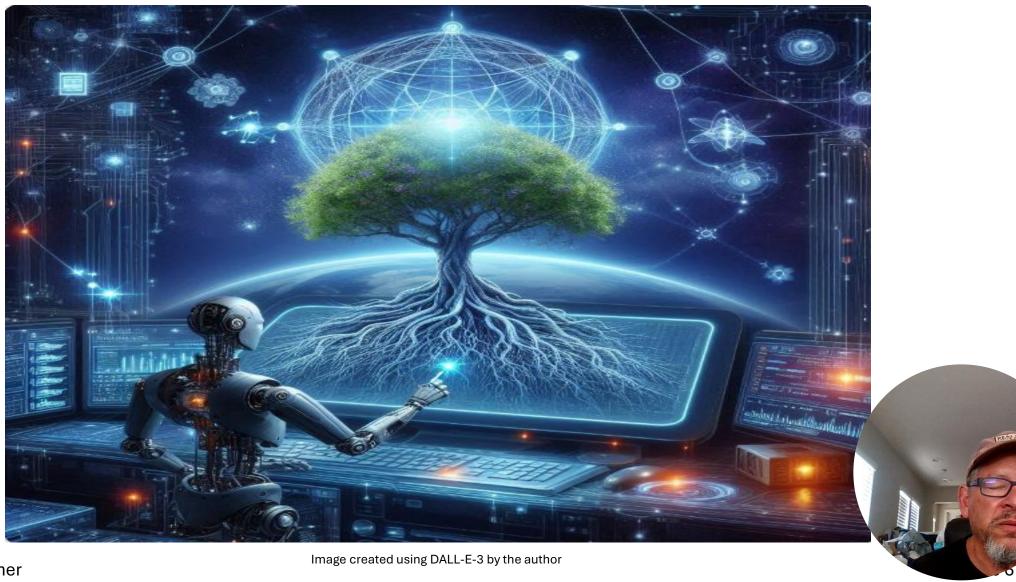
#### How Do We Extract Value from Big Data



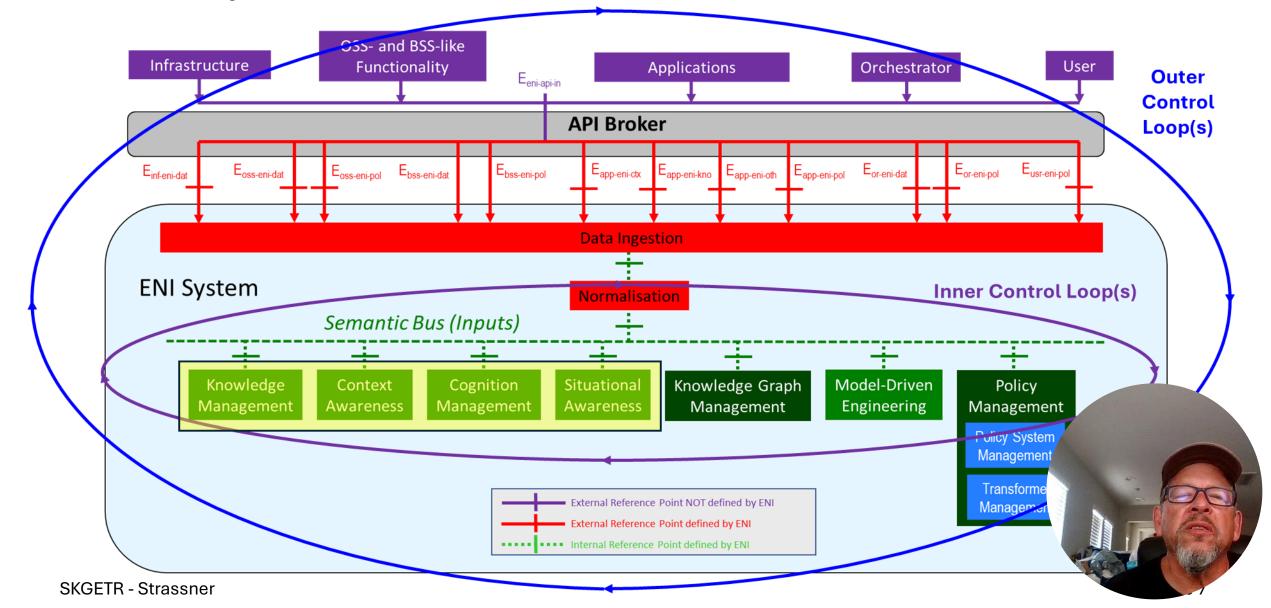
## The Fusion of Syntax and Semantics...



#### ...Leads to A Consensual World Model



## ENI System Architecture in Release 4 (1)



# Say NO to Cosine Similarity!

