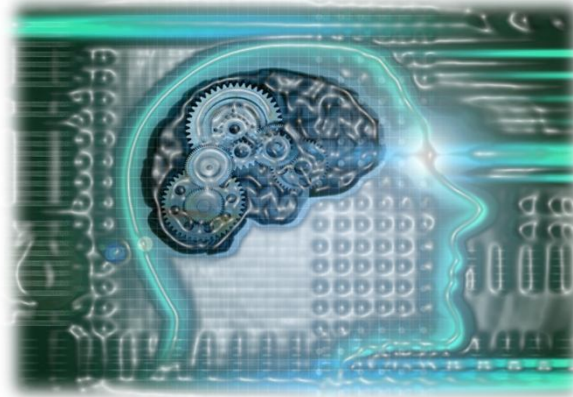




INSPIRATION FOR A BETTER LIFE



OUR APPROACH TO DESIGN



Uttejna is a premium Technology, Design and Product company which has been offering TURNKEY Design Solutions to its esteemed clients since 2004.

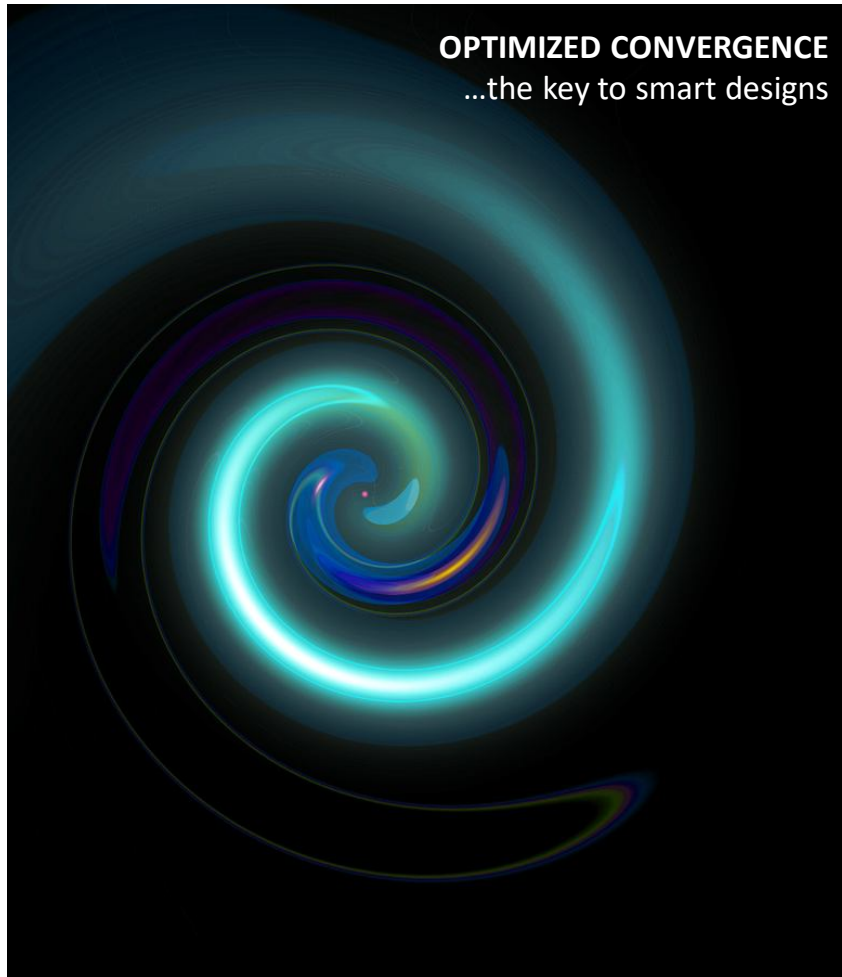


DESIGN



EVOLUTION of a USEFUL ENTITY from a
CONVERGENT problem solving process

OPTIMIZED CONVERGENCE
...the key to smart designs



A SMART and CONVERGENT design process OPTIMIZES the RELATIONSHIP between various OPPOSING parameters to make a perfectly balanced PRODUCT

Our proprietary design process

C⁵ CONVERGENCE ENGINE

COGNIZE



The EXPLORATORY phase wherein the UNIVERSAL SPACE of the PROBLEM DOMAIN is identified and explored.

CONCISE



The CONSOLIDATORY phase wherein the Focus of problem solving, the scope as well as Boundaries are defined

CONCEIVE



The IDEATION phase wherein diverse concepts and product configurations are evolved with emphasis on 'Out of Box' Synthesis

CONTRIVE








The APPLIED FACULTIES phase wherein inputs from diverse (& sometimes conflicting) domains are applied to Converge the product to its final detailed form`

CONSTRUCT

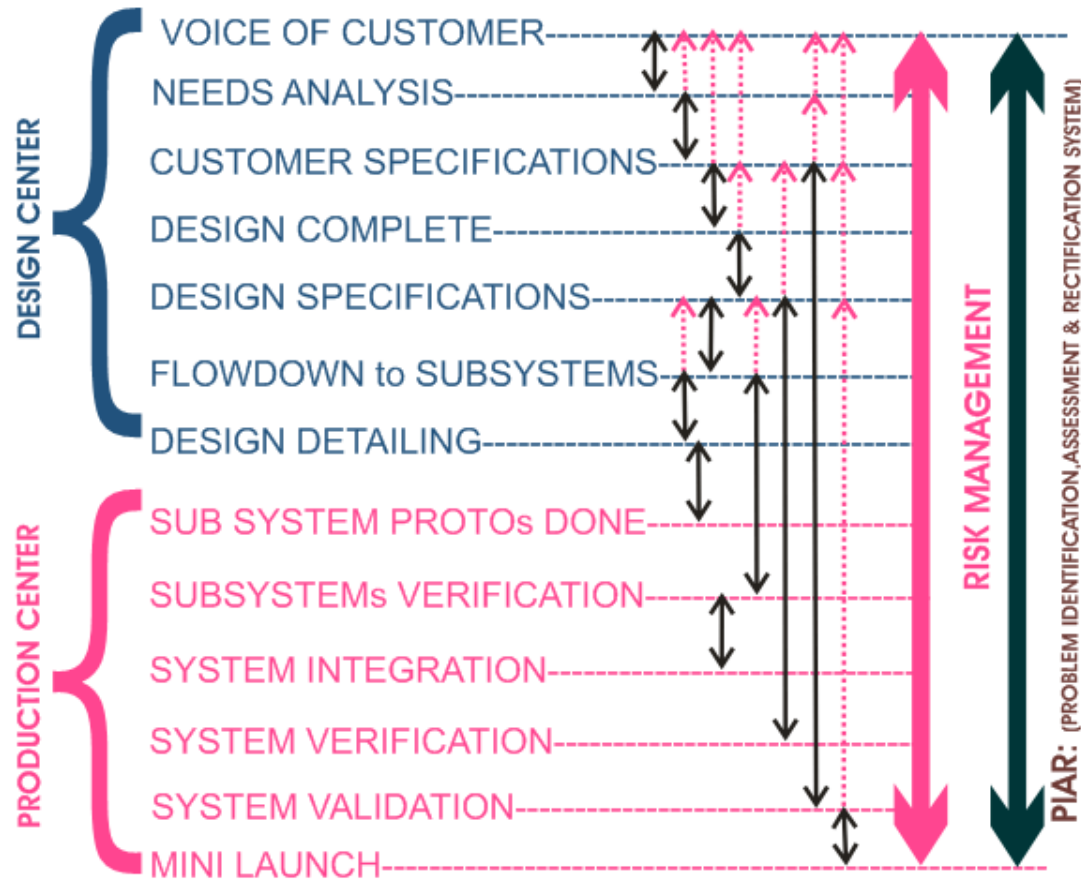


The REALIZATION phase wherein the CONVERGED product is built up and realized in reality

C⁵ CONVERGENCE ENGINE LIST OF DESIGN TOOLS

State of convergence	Tasks	Typical Deliverables	Methodology
 <p>COGNIZE Recognize and understand the problem</p>	<p>PROBLEM DIAGNOSIS USER PSYCHOGRAPH STUDY MARKET & LITERATURE SURVEYS USER DEMOGRAPHIC STUDY CAPTURE ENVIRONMENT OF USE</p>	<p>PROBLEM SPACE MAP PROCESS FLOW DIAGRAM LIST OF UNTAPPED POTENTIALS</p>	<p>QUESTIONNAIRES QUALITATIVE DISCUSSIONS LITERATURE STUDY INTERVIEWS FEEDBACK FROM SERVICE PERSONNEL</p>
 <p>CONCISE Define Focus , scope and boundaries</p>	<p>PRIORITIZE REQUIREMENTS SEGREGATE NEEDS from WANTS CHARTING OF DEPENDENCIES EVOLVE SYSTEM SPECIFICATIONS</p>	<p>SYSTEM INTERFACE DIAG. IMPORTANCE MATRIX SYSTEM SPEC. DOC</p>	<p>IMPORTANCE QUOTIENT MATRIX QUALITY FUNCTION DEPLOYMENT SYSTEM INTERFACE DIAGRAMS S.W.O.T ANALYSIS</p>
 <p>CONCEIVE Generate and Shortlist Ideas</p>	<p>CONFIGURATION CHARTING CONCEPT GENERATION CONCEPT SHORTLIST</p>	<p>CONCEPT SKETCHES TRIAL MOCKUPS MOCKUP REVIEW REPORT</p>	<p>SYSTEM INTERFACE DIAGRAMS BRAINSTORMING O.O.B.T . TECHNIQUE WEIGHTED PUGH MATRIX</p>
 <p>CONTRIVE Applied Design, detailing & resolving interdependencies</p>	<p>CROSS FUNCTIONAL FEASIBILITY SYSTEM INTEGRATION STUDIES APPLIED ANTHROPOMETRY PROCESS IDENTIFICATION & DETAILING</p>	<p>CAD MODELS & ASMs VIRTUAL USABILITY REPORT ENGINEERING SPECS</p>	<p>INTER DEPARTMENTAL REVIEWS COMPUTER AIDED DESIGN MOCKUP FOR FEATURE STUDIES USER INTERVIEWS /MOTION ANALYSIS CONCEPT DETAILING THROUGH CAD</p>
 <p>CONSTRUCT Build integrated systems & test</p>	<p>BUILD INTEGRATED SYS. PROTO ACTUAL/SIMULATED TRIALS. SYSTEM VERIFICATION</p>	<p>PROTO COMPONENTS PROTO ASSEMBLIES TEST REPORTS USABILITY REPORT</p>	<p>STEREO LITHOGRAPHY MACHINING CENTERS FIELD STUDY / TEST BENCHES</p>

DESIGN CONTROL AND DOUCMENTATION



COMPLIES TO IEC 60601-1 AND IEC 14971

UTTEJNA
ENSURES SUCCESS THRU

KEY TECHNOLOGY PARTNERSHIPS WITH LEADING CONSULTANTS IN SPECIFIC TECHNOLOGY DOMAINS

DRIVING NEW DESIGNS DOWN TO PROTOTYPES & SUPPORTING OUR CLIENTS TILL PILOT PRODUCTION

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