



*Clarity in Control. Surety in Return.*

<b>CASE STUDY: SAP® Security Design</b>	<b>SAP Security Redesign results in more than 75% improvements and efficiency gains. SAP Security Design Successfully Completed for a global Telecom Services Provider.</b>
<b>WHO: Global Wireless Services Company</b>	A global telecom provider of wireless services engaged EnCrisp LLC, a leading SAP Security consulting firm, to provide enterprise IT SAP security design services for process improvement and continuous compliance across ALL SAP environments, encompassing approximately 37,000 users globally.
<b>WHAT: Application Security - Authorization Management</b>	Within ERP systems, authorization management is key. It requires precisely set access rights based on a correct understanding of business activities and processes, as well as an effective interface between business process owners and the company's technology organization. Weak and often times neglected SAP authorization management wastes money, time and resources. In regulatory compliance-driven environments, the stakes are even higher for not fixing ERP authorization management. Weakness in the areas of SAP Security are at the root cause of many organization's corporate governance issues, exposing them to additional risks, and regulatory non-compliance, with the potential to materially affect the company's financial results and business standing.
<b>WHAT: SAP Security Redesign -- for Entire SAP Landscape</b>	As part of a multi-year engagement, EnCrisp was engaged to provide SAP Security and controls design and implementation assistance, audit remediation, business liaison and project management for overall SAP compliance and SAP security redesign. With a cross-functional staff of more than 30 SAP experts (security, audit, SAP functional business process and SAP ABAP and Basis), EnCrisp completed the SAP Security redesign for the client's entire SAP landscape. These systems included: SAP R/3®, SAP HR®, SAP CRM®, SAP EBP®, SAP BW® and SAP PDM®, SAP Portals® and SAP NetWeaver® layers across R/3 and ECC platforms. SAP GRC specific software such as Virsa FireFighter™, Access Enforcer™, Role Designer™ and Approva BizRights™ were both leveraged with some customized development for data extractions.
<b>WHY: Client Issues</b>	The client had a number of issues that EnCrisp was brought in to help solve. SAP authorization set-up was done in a system that had been live for four years and was subject to increasing security creep. As a result, the company's financial auditors and compliance officers were unwilling to rely on SAP as the system of record. Issues included: 1) rampant use of SAP ALL across the system; 2) roles in the system that were almost THREE times the number of users; 3) business users with no training using the system (and therefore no understanding of security issues); and 4) no security management procedures in place.
<b>HOW: EnCURE™ Redesign Methodology</b>	<p>"Visualize and Start with the End in Sight": EnCrisp always starts engagements with the end in mind and the client is guaranteed the project outcome up front. EnCrisp's EnCURE™ GRC Methodology supports the premise that <b>SECURITY DESIGN is NOT just a technical problem, but rather it is a business issue and should be driven by the business organization - with IT collaboration.</b></p> <p>Using EnCURE's tools and procedures, EnCrisp teams carefully guided the execution of collaborative work with the client's business managers, IT and audit/compliance managers for a unique and successful outcome. This foresightful approach ensured that a transition plan was in place from day one, the client understood the methodology and could sustain it in the future, and that knowledge transfer within the organization was enabled <i>well before</i> EnCrisp's engagement was completed.</p>



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<b>HOW: Delivering On The Plan</b>	<p><b>EnCrisp delivered:</b></p> <ul style="list-style-type: none"><li>- Completely redesigned and optimized SAP Security model globally resulting in immediate. Compliance with all regulatory mandates and audit guarantees.</li><li>- Completely documented Security blueprint for future reference – <b>utilizing the EnCURE™ SAP Role Redesign Methodology.</b></li><li>- Leveraged EnCURE business process development of security and provisioning processes, including business rules design and object level definition.</li><li>- Appropriate interface development between IT Security Team and Business Process Teams -- critical to on-going success of redesigned SAP Security.</li><li>- Users trained and supported in the ongoing compliance tool.</li><li>- Sustainability ensured in the future through the design and setup of an optimal SAP Security team aligned with other IT Teams and HR business functions.</li><li>- Project management support throughout to keep the project moving smoothly and through timely completion.</li></ul> <p><b>Refined SAP Security Internal Control for</b></p> <ul style="list-style-type: none"><li>- User Provisioning</li><li>- Security Role enhancements</li><li>- New Projects Security &amp; Controls Support</li><li>- Internal Controls Compliance Monitoring</li></ul>
<b>OUTCOME: EnCrisp Delivers Results</b>	<p><b>ROI results across all systems...</b></p> <ul style="list-style-type: none"><li>- Improvements and reductions of more than 75% (on average) achieved in numbers: Roles and Transactions within roles; enhanced and simplified business owner's role.</li><li>- Aligned and reduced the number of business users groups across all SAP functional processes.</li><li>- Eliminated many cases of SOD Violations; Violation Counts were reduced in ALL cases from "As-Is Before" state.</li><li>- Trained individuals by business function; User accountability developed to keep redesign effective and compliance continuous going forward.</li><li>- Improved authorization management by ensuring that job requirements and positions (rather than individuals) governed role alignment.</li><li>- Reduced Wildcards objects access in critical authorization objects – for better authorization management.</li><li>- Allowed users to see only Transactions needed for their jobs; Selective view access on user menu designed and implemented.</li><li>- Eliminated access to highly sensitive and high risk transaction codes such as most custom financial transactions; with minimal restricted access only to a highly select group of users.</li></ul>
<b>ABOUT ENCRISP LLC</b>	<p>EnCrisp is a leading provider of global SAP Governance, Risk &amp; Compliance (GRC) management professional services and solutions. EnCrisp is a privately-held business in the Washington, DC metro region that helps private, public and governmental entities improve IT security, automate audit risk assessments and eliminate inefficiencies. Founded in 2004 after years of hands-on technical, audit and business process experience, EnCrisp delivers world class SAP Security design, testing and management solutions, SAP business rules and compliance management services for private and public organizations of all sizes, including governmental entities.</p> <p>EnCrisp compliance solutions address regulations such as Sarbanes-Oxley, HIPAA, FDA CFR Part 11 and GLBA. The EnCrisp EnCURE™ solutions platform and methodology incorporate large IT integration, audit, and compliance software design experience for implementation of GRC automation, ERP security, issues remediation, and clear ROI.</p> <p>For more information, visit the company website at <a href="http://www.EnCrisp.com">www.EnCrisp.com</a>, or contact <a href="mailto:info@EnCrisp.com">info@EnCrisp.com</a>.</p>