



**BEYOND ERP ...**

*Consolidation, Integration, Growth ....*

## **CIG SOFTTECH INDIA LIMITED.**

### **SAP Consulting Services**

For CIG Softech India Ltd (CIG), SAP Consulting Services is more than an offering - it is a passion. Our core team consists of Information Technology professionals who have dedicated themselves to the pursuit of SAP superiority and customer service excellence. Our consultants are SAP Practitioners that bring to the table an average of 15 years of SAP experience and an average of 5 SAP life cycle implementations. Collectively we have more than 10 years of SAP experience and more than 20 SAP implementations.

Our consultants are well versed in SAP assessment, project management, installation, configuration, deployment, and upgrade, re-design and audit services of existing and new SAP implementations. By combining our practical experience with our knowledge of SAP best practices and procedures, we provide unparalleled assistance in developing, implementing and deploying a comprehensive and efficient SAP installation that spans all systems and business processes. As a result, your SAP implementation will adhere to the most stringent requirements, while delivering true business value.

### **SAP Project Management, Implementation, Configuration and Deployment**

CIG possesses a wealth of knowledge and expertise in the SAP arena. Our consultants have provided SAP Technical and Functional implementation, consulting and training services to end clients and other SAP service providers. The following is a list of the SAP Modules / Solutions that we support:

- |   |                                    |  |
|---|------------------------------------|--|
| •SAP Financials (AP, GL, AR, FI/CO)                           | •SAP BW/BI                         | •SAP PM (Plant Management)             |
| •SAP FI/CO  | •SAP SEM                           | •SAP PS (Project Systems)              |
| •SAP NetWeaver/Basis  | •SAP LOGISTICS                     | •SAP PI (Product Industries)           |
| •SAP Installation/Upgrades/Conversions                        | •SAP AM (Asset Management)         | •SAP WM (Warehouse Management)         |
| •SAP Solution Manager   | •SAP AA / FI-AA (Asset Accounting) | •SAP HR (Human Resources)              |
| •SAP COPC (Product Costing)                                   | •SAP XI/PI Implementation          | •SAP HCM (Human Capital Management)    |
| •SAP COPA (Profitability Analysis)                            | •SAP Business One                  | •SAP PAYROLL                           |
| •SAP SD (Sales Distribution)                                  | •SAP MM (Materials Management)     | •SAP PA/PD                             |
| •SAP ABAP   | •SAP QM (Quality Management)       | •SAP Master Data Maintenance & Support |
| •SAP BASIS  | •SAP PP (Product Planning)         | •SAP Enterprise Portal                 |
| •SAP SECURITY   | •SAP PLM                           |  |
| •ALE, IDOC, EDI, BAPI, WORKFLOW Integration and Configuration |                                    |  |

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## SAP Installations and Upgrades

Expert SAP professionals deliver our installation and upgrade services in minimal time at a cost-effective price. Senior Basis consultants provide these services according to industry leading and best practices in accordance with published SAP standards.

Our consultants participated in some of the first ECC 6.0 installs and upgrades in North America, thus we have some of the most experienced consultants in the industry. Our upgrade strategies utilize iterative methodology and leverage our past project planning to provide you with an effective and stream lined installation. Our team has done hundreds of installs and implementations. Starting with the venerable 2.2 series of SAP all the way to the latest ECC and NetWeaver version. We establish a firm foundation with the best practices derived from decades of experience.

Our sap installation and upgrade service includes:

- Technical Installation/Upgrade Project Plan
- Knowledge Transfer and Production Support Readiness Assessment
- Revalidation of Interfaces, Enhancements and Reports
- Evaluation of Technical Operations Procedures and Readiness
- Technical gap Assessment/Analysis
- Pre-upgrade Stabilization Plan
- Upgrade System and Client Strategy
- Hardware Sizing Review/Analysis

## SAP Security

Being that the SAP authorization construct protects transactions, programs, processes and services from unauthorized access, proper implementation of authorizations is a critical ingredient for an SAP system. Accordingly, it demands a structured and formalized process. SAP security is a core competency for us and we have hands-on experience with more than twenty SAP security upgrades, fifty SAP implementations and three end-to-end SAP GRC installations.

Our approach ensures that the resources are planned properly, trained adequately and the right resource is available at the right time. When implementing roles, we follow a simple rule of thumb of creating only two to three roles for any job duty/responsibility driven by the project business process master list (BPML).

Furthermore, a preferred approach to an SAP authorization implementation involves the following steps:

- ❖ Defining organizational responsibilities (which translates into security roles).
- ❖ Identifying the SAP functions (business transactions) that are associated with a security role (based on BPML).
- ❖ Identifying the authorizations required for each function.
- ❖ Creating authorizations and roles in the development system.
- ❖ Testing authorizations and roles in the quality assurance system.
- ❖ Transporting authorizations and roles to the production system.
- ❖ Mass creation of user master records in the production system.
- ❖ Assigning roles to user master records.



## Audits and Assessments

SAP Access and Controls are designed to help immediately identify authorization threats and proactively prevent fraud, while minimizing overall security costs. Unfortunately, some organizations lack adequate controls and others are plagued by inferior systems. With our SAP Audit and Assessment services, some of today's most knowledgeable and skilled security professionals can help fortify your SAP controls landscape to eliminate risk and maximize protection.

Using standard audit methodologies, best practices and proprietary tools, our consultants evaluate existing landscapes against industry leading practices in reviewing the following key areas:

- User administration policies
- Segregation of duties
- SAP Basis
- Authorizations for Custom ABAP Development
- SAP infrastructure
- High-level SAP security design
- Authorization Change Management Procedures
- Development Processes
- Business Process Audits and Management



Companies can leverage our expertise in conducting SAP Security Audits and Assessments.

We use a proven methodology and a set of proprietary tools to evaluate and analysis potential segregation of duties (SOD) issues. Until now, many companies, especially those using manual solutions are left guessing or estimating how many conflicts really exist in their systems. Our SOD Companion Tool allows us to extract a minimal amount of information from a company's SAP application, and report back in a very short period of time on the number and specific nature of SOD conflicts. The SOD Companion Tool is designed to be minimally invasive, while accessing and analyzing SAP data and creating substantial value. When compared to a full install of an automated solution, the SOD Companion Tool is a great way of achieving a sneak peak into actual and potential SOD issues.

We deliver an assessment that evaluates the completeness of your controls systems, while also providing a review of its efficiency in dealing with the risks to your SAP system and your business overall.

## Security Implementation

Our consultants have years of hands-on experience working with standard and 3rd party SAP security configuration tools. Furthermore, our consultants have been trained in proven, best practice procedures that enable the development of solutions that are simple, easy to maintain, and exceed all audit and compliance requirements.

Our methodology and approach is to guide you throughout the course of the entire project, and continue to advise you during and beyond 'go live', so that your organization will acquire the skills needed to maintain SAP solutions going forward.

**Role Design** - Security requirements vary greatly from one organization to another and thus we work closely with each organization to determine which role design philosophy is best suited for each organization. We recommend, develop, and implement the most effective solution.

**SAP HR Security Solutions** – Due to the sensitive nature of HR/HCM data, SAP HR/HCM implementations often require special security roles, standard authorizations and structured authorizations. We work very closely with the FI, CO, AM, TR and/or HCM business functions to define the specific requirements based on input from the business. We also work closely with the end-user community to ensure that the appropriate access is granted to the appropriate users.

**Single Sign On** – Single Sign-On (SSO) has become more crucial in today's complex IT landscapes which are driven by the ever-increasing need to integrate existing systems in order to support cross-organizational business processes. SSO serves as the bridge for different authentication models used by these systems. Our SSO solutions are used to reduce the confusion and eliminate the security risks associated with having single users with multiple logins and passwords.

We have implemented SAP ECC based, Portal based, Integrated Windows based and Active Directory based SSO solutions. For instance, in a number of organizations, Microsoft's Active Directory is now the de facto standard for providing authentication and identity management for Windows systems and applications. We develop and enable Active Directory-based SSO for SAP. This means Windows users using SAP GUI and non-Windows users using SAP Java client can enter their Active Directory credentials to access SAP without having to remember or re-enter another username and password.

**Security Testing** – Positive and negative security testing is essential for a successful implementation. Our consultants will perform complete checks at every stage of the project. Our testing methodology includes standard unit, integration, and user acceptance tests, as well as, incorporates design and build phase review and acceptance sessions. This approach ensures that testing is an integral part of each phase of the implementation.

**BW/BI Authorizations** – Our organization has extensive experience with SAP BW 3.5 and BI 7.0 security implementations, considerations and constructs. A key consideration is that the security and authorizations approach is fundamentally different between 3.5 and 7.0 and the wrong approach can be costly. SAP BI integrates, transforms and consolidates data from all areas of an enterprise: this includes confidential corporate data, for example, personal data or sensitive financial data. For this reason, security when accessing data and the ability to guarantee data integrity is of great importance. Our experience and approach can help ensure a secure and successful implementation of SAP BW/BI security.





## GRC

SAP's governance, risk, and compliance (GRC) solutions enable companies to standardize and control their key operational security processes, while helping to mitigate loss and facilitate adherence to regulatory guidelines. We offer comprehensive implementation and project management services that help GRC customers accelerate the realization of these benefits, minimize the cost of implementation, and maximize return on investment.

CIG offers complete end-to-end GRC implementation services (assessment, design, implementation, deployment, training, and support). Our services are performed by some of today's most skilled consultants, who have extensive experience working with core SAP components, as well as GRC.

Our consultants are well versed in the various versions of the SAP GRC Suite which includes the components: Risk Analysis and Remediation/Compliance Calibrator, Superuser Privilege Management/Firefighter, Compliant User Provisioning/Access Enforcer, and Enterprise Role Management/Role Expert.

## SAP Workshops and Training

SAP Training – Whether your organization is using a centralized or de-centralized support model, your power users and end users need to know how to perform their job functions and how to effectively meet the needs of the business. We offer hands on, group based, and one-on-one intensive training in all areas of SAP.

## Client List

- ❖ Cross River State government, Calabar, Nigeria
- ❖ Office of the Accountant General of state, Calabar, Nigeria
- ❖ Ministry of Finance and Economic Development ,Addisababa, Ethiopia.
- ❖ Ministry of Finance and Economic Planning, Accra, Ghana
- ❖ Vodafone, Doha,Qatar
- ❖ QTEL,Doha,Qatar
- ❖ Nigeria Deposit Insurance Corporation, Abuja, Nigeria
- ❖ Unity Bank, Lagos, Nigeria
- ❖ Equity Bank, Nairobi, Kenya
- ❖ Jamiee Telecom Limited, Nairobi,Kenya
- ❖ Zanzibar Telecom, Dar Es Salaam, Tanzania
- ❖ National Social Security Funa,DarEsSalaam,Tanzania



- ❖ Crown Beverages Limited, Kampala, Uganda
- ❖ Al-Hokair Group, Riyadh,KSA
- ❖ Bin Zarfah Group, Riyadh,KSA
- ❖ Ahmed GalebAlesayi, Jeddah, KSA
- ❖ Makkah News Paper,Jeddah,KSA
- ❖ Water Board, Dubai, UAE
- ❖ Arrow Electronics, Denver, USA
- ❖ PivotixInc, Washington, USA
- ❖ GoosemoreInc, USA
- ❖ TapalTea,Karachi,Pakistan
- ❖ Srilankan Airlines, Colomba,Srilanka
- ❖ Kolson Group of Companies, Karachi,Pakistan
- ❖ Fedglobe International, Karachi,Pakistan