Seggregation of Duties
SoDs are a primary internal control intended to prevent, or decrease the risk of errors or
irregularities, identify problems, and ensure corrective action is taken. This is achieved by
assuring no single individual has control over all phases of a business transaction.
There are four general categories of duties:
• Authorization
• Custody
• Record Keeping
• Reconciliation

Role Expert is an ABAP based tool that automates the creation and management of Role
Definitions using sound security methodology, to ensure security implementation and
maintenance is streamlined and automated right from the Role Definition phase. It
enforces best practices to ensure that the Role Definitions, development, testing and
maintenance are consistent across the entire implementation, resulting in lower ongoing
maintenance and painless knowledge transfer.
Role Expert helps the Role Owners and Security Administrators to create and maintain
Role definitions, identify potential Audit and Segregation Of Duties (SOD) issues, and
automate many other laborious tasks such as comparing the role definitions with the real
roles in SAP and generating roles. It empowers SAP security administrators and Role
Owners to document all the important role information that can be of great value for
better role management, allowing them to track their progress during implementation
and monitor the overall quality of the implementation.
Some best practices are:
• Design a good Role naming convention.
• Integrate Role Expert into ongoing role development, testing, and change
management Processes.
• Identify Users (Role Owners, Security Administrators, and User Administrators) and
incorporate while customize Role Expert Roles.
• Define goals (e.g. Role Optimization or Consolidation, User Access Optimization,
Reducing risk, Reducing the role change requests by x%).
• Identify custom reports and attach them to Role Expert.
Role Expert has a rich set of reports to facilitate the overall role quality management and
provide valuable information, to achieve precise role definitions and to lower ongoing

role maintenance.
Role Expert provides reports, which make the identification of risks surrounding the
segregation of duties a painless process, and ensures that you get the most out of the SAP
security system.