

# Linux Technical Overview

**1 day**

## **Delegates:**

This course is aimed at delegates who require an understanding of the dynamic world of Open source software. This course specifically discusses the main features and benefits offered by today's leading open source operating system, Linux.

## **Objectives:**

By the end of the course the users will be able to:

- Appreciate the history of Open Source, GNU Project and GPL
- Understand the F.S.F. and Open Source movements today
- Identify the major distributions available and their strengths/weaknesses
- Appreciate RedHat/Suse distributions for corporate solutions
- Become familiar with the KDE & GNOME graphical environments
- Become familiar with the various Open Source office solutions
- Identify the disadvantages of using Open Source as a corporate solution

## **Topics Covered:**

- A Brief History of Open Source
  - The GNU Project
  - Richard Stallman and the GPL
  - The Kernel : Linus Torvalds
  - GU/Linux Timeline
  - Distributions, the main players
  - The Free Software Foundation
  - Disadvantages of Open Source Solutions
- RedHat/Suse and other solutions
  - The RedHat product offerings and positioning
  - New features just announced
  - Support and features of each product
  - The Suse distribution
  - Novell's impact on Suse
  - Administering the main distributions
- Linux : A practical tour
  - Basic installation procedures
  - Basic administration techniques
  - Network tools and utilities
  - A desktop guide
  - General Overview of drivers, updates and patches
- X,the Desktop and Office Solutions
  - RedHat's BlueCurve theme
  - Gnome 2.0 and KDE V3.0 desktops
  - New features of graphical systems
  - OpenOffice.org programs
  - The "k" Office offerings

- The Star Office product offering
- Other Office solutions available
  
- Open Source vs Proprietary Solutions
  - Deployment and training issues
  - Migrating to Open Source issues
  - Windows/Open Source integration
  - Integration Issues
  - PIM offerings

**Requirements:**

Experience of IT and an understanding of operating systems is required.

**Follow-On Courses:**

- LINUX Introduction
- Linux Essentials (LPI)
- Using Red Hat Linux
- ORACLE Overview
- Introduction to SQL