

# LINUX Fundamentals

**5 days**

## **Delegates:**

Personnel who require a good working knowledge of the LINUX Operating System including the Shell programming language.

## **Objectives:**

On completion of the course the delegate will have a good practical knowledge of the LINUX Operating System, the command structures and the editor facilities. They will also gain a good working knowledge of the Shell environment and how to utilise the Shell programming language.

## **Topics Covered:**

- File System Structure
- File Naming Conventions
- Logging in and out of the System
- Command Syntax and Execution
- File Manipulation Commands
- The vi Editor
- Security
- User to User Communication Facilities
- Commands for Searching and Sorting
- Filter and Pipe Utilities
- Shell Variables
- Shell Program Structure and Execution
- Positional Parameters
- Conditional Statements
- Looping Constructs
- Bash Shell Facilities
- Interrupt Handling
- Debugging Tools

## **Requirements:**

An understanding of IT is required.

## **Follow-On Courses:**

- LINUX System Administration (LPI)
- SQL
- LINUX Advanced Shell Programming Tools