With Software Logistics, you can:

- Manage SAP software in production system landscapes by performing implementation tasks such as planning changes, implementing new systems, copying existing systems, or enabling the creation and propagation of changes in the landscape
- Maintain software by applying support packages and corrections or by upgrading to new software versions

Software Logistics is closely connected with SAP NetWeaver Operations (see next slide)
Simplify your IT
Run and optimize state of the art Business Processes

COMPREHENSIVE GUIDANCE
- Landscape planning and visualization
- Best Practices / Pre-configured scenarios

EASY IMPLEMENTATION
- Technical Installation
- Automated, template based configuration
- Upgrades

UP-TO-DATE PROCESSES*
- Adjust business and IT processes
- Software maintenance
- Performance Analysis + optimization

CENTRAL ADMINISTRATION*
- Central Administration + Monitoring
- Virtualization
- Automation
- Rapid resolution of issues
- Support for High Availability

*Partly covered by SAP NetWeaver Operations
SAP NetWeaver Life-Cycle Management (LM) Provides a Comprehensive Toolbox

**COMPREHENSIVE GUIDANCE**
- System Landscape Directory (SLD)
- Software Lifecycle Manager (SLM)
- Guides and Documentation
- Integration with SAP Solution Manager

**EASY IMPLEMENTATION**
- Installers (SAPinst, Rapid Installer)
- Configuration Wizard
- Upgrade tools for ABAP and Java
- Enhanced System Copy procedure

**UP-TO-DATE PROCESSES**
- SAP NetWeaver Development Infrastructure
- SAP Support Package Stacks
- SAP Patch Installer
- SAP Note Assistant
- SAP (ERP) Enhancement Packages
- SAP NetWeaver Administrator (NWA)*
- SAP Adaptive Computing Controller (ACC)*
- Central Process Scheduler (Redwood/CPS)*

**CENTRAL ADMINISTRATION**
- SAP NetWeaver Administrator (NWA)*
- SAP Adaptive Computing Controller (ACC)*
- Central Process Scheduler (Redwood/CPS)*
- System Landscape Directory (SLD)
- Software Lifecycle Manager (SLM)
- SAP NetWeaver Development Infrastructure
- Enhanced Change & Transport Management System (incl. ABAP-Java Transport Synchronization)

*Part of SAP NetWeaver Operations
COMPREHENSIVE GUIDANCE

Best Practices and pre-configured scenarios:
- Profit from Best Practices provided in form of documentation and pre-configured scenarios that make setup and maintenance of your system landscape easier
- New functions in the area of Implementation and Configuration of Business Content automate cumbersome configuration steps and as a result accelerate implementation of business scenarios that require business content
- Documentation and guides provide the information you require to understand and perform software life-cycle tasks (Master Guides, installation/upgrade guides, SP Stack Guide, target group/role-specific documentation, tool documentation, …)

Tool support for landscape planning and visualization:
- Thorough planning is the basis for every software life-cycle task, which can be quite complex due to all kind of interdependencies in your landscape
- Simplify software life-cycle tasks in your landscape:
  - Software Lifecycle Manager of SAP NetWeaver provides tool support for planning software life-cycle tasks in your landscape and validates your plans
  - SAP NetWeaver 7.0 is the first product version that includes Software Lifecycle Manager from start
- Manage data of your system landscape easier:
  - Data stored in System Landscape Directory is the basis for tool support for landscape planning
  - Automatically and consistently gather and update data of your systems in your landscape (now also for non-ABAP and non-Java systems, such as TREX)
  - By providing the possibility to create system groups and sub-landscapes, you can handle especially large landscapes easier and more efficiently than before
SL Key Capabilities of SAP NetWeaver 7.0 (II)

EASY IMPLEMENTATION

- **Simplified installation process** with minimized number of manual preparation and installation steps:
  - Prerequisite checker automatically validates minimum technical prerequisites of the installation (RAM, swap space, kernel parameters, etc.)
  - Standard installation mode with default values
  - Usage-type-specific installation, High Availability (HA) options included
  - Help and handling enhanced (retry, enhanced summary dialog, single master DVD ...)
  - SAP NetWeaver Rapid Installer complements SAPinst and offers easy, fast, and wizard-based installation and configuration for specific use cases

- **Simplified, accelerated and less error-prone configuration**
  - Configuration Wizard (new with SAP NetWeaver 7.0) is a central, uniform and simple configuration tool
  - Provides automated configuration based on templates for usage types

- **Faster and Easier Upgrade Procedure:**
  - SAP’s Upgrade Technology bases on long years of experience of building robust and fast upgrade routines keeping production system outages to an absolute minimum
  - Reliable and easy to use upgrade process lowers overall risk of your upgrade project
  - Saves investment of all your customer-individual adaptations to SAP standard processes while equipping your business processes with up-to-date new functionality

- **Enhanced Coverage + Improved Procedure for System Copy & Migration:**
  - Systems with any SAP NetWeaver usage type can now be copied
  - Copy with database-specific tools and advanced options integrated in copy procedure
  - Incremental migration offers reduced downtime for very large ABAP systems
CENTRAL ADMINISTRATION

**Single Point of Control:**
- SAP NetWeaver Change & Transport System (CTS+) and Development Infrastructure (DI) for central software change management covering the whole software life-cycle
  - Centrally managing & guiding each single developer
  - Consistent deployment and propagation for ABAP- and Java-based applications
- System Landscape Directory as central information provider
- Software Lifecycle Manager for central planning and validation of software life-cycle tasks

**SAP recommended High Availability (HA) Setups supported by the SAP Installer**
- SAP's standardized & validated HA configuration recommendations guarantee support of mission critical customer systems during their complete life-cycle:
  - At implementation time
  - During regular operation (with SAP NetWeaver administration tools)
  - During software maintenance (patching and upgrading high available systems)
**SL Key Capabilities of SAP NetWeaver 7.0 (IV)**

**UP-TO-DATE PROCESSES**

- **Ongoing Improvements to Adjust Business and IT Processes:**
  - SAP NetWeaver Development Infrastructure empowers ESA based application development
  - Guarantees processes from product definition to delivery and maintenance, enables fast adaptation and creation of applications in your landscape
  - Ongoing improvements (in terms of usability, stability, performance, …) and simplified installation procedure with SAP NetWeaver 7.0

- **Maintain Your Software Safer and Easier:**
  - In your system landscape, you regularly face the requirement to apply fixes and software optimizations to keep it running smoothly
  - Software Lifecycle Manager of SAP NetWeaver helps to plan and validate patch processes in your landscape
  - With SAP NetWeaver 7.0, we offer a unified patch implementation tool and process with Java Support Package Manager (JSPM):
    - Standard tool for the patching of all SAP Java components (SAP NetWeaver, SAP Business Suite, …)
    - Reduces runtime and downtime, prevents system damage, simplifies handling
  - SAP Note Assistant provides enhanced functions
  - High availability support for patching
Installation, Configuration and Upgrade
Installers, configuration templates, guides and upgrade tools for ABAP and Java

Up-to-Date Processes
Change Management
Appendix
Comprehensive Guidance

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<th>Landscape Planning &amp; Visualization</th>
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</table>
SL allows you to reduce the complexity of software life-cycle projects in your system landscape by providing landscape planning + visualization functions based on data stored by a central landscape information provider.

- **Central information provider**
- **Landscape data is gathered and updated automatically**
- **Consistent foundation for many SAP tools and services**
Tool support for landscape planning

Planning Wizard

Eases and accelerates the planning of software logistics tasks
SL provides Best Practices through configuration templates and pre-configured business content, as well as corresponding guides and documentation.

- Install and configure pre-defined business content objects
- Time for implementation of business scenarios is reduced
SL provides Best Practices through configuration templates and pre-configured business content, as well as corresponding guides and documentation.

- Tool provides central technical configuration (CTC)
- Configuration simplified, accelerated and less error-prone
Best Practices – Guides and Documentation

SL provides Best Practices through configuration templates and pre-configured business content, as well as corresponding guides and documentation.

- **Documentation** provides information required to understand and perform software life-cycle tasks.
- **Master Guides** provide planning information + general best practice information.
Easy Implementation

Technical Installation

Automated, template based Configuration

Upgrade
SL provides tools, documentation and services to adapt your landscape and leverage your existing investments in infrastructure technology and applications.

- Implement a new landscape or add a scenario to your system landscape
- All kind of implementation services offered
- Implementation process simplified, accelerated, manual steps minimized
SL provides tools, documentation and services to adapt your landscape and leverage your existing investments in infrastructure technology and applications.

- Complements standard SAP installation tool
- Easy, wizard-based installation and configuration
- For dedicated business scenarios
Automated, Template Based Configuration – Configuration Wizard

SL provides pre-configured business content for scenarios and templates for the initial configuration of new systems.

- Central configuration tool based on configuration templates
- Reduces number of configuration tools
- Configuration simplified, accelerated and less error-prone
SL provides tools, documentation and services to adapt your landscape and leverage your existing investments in infrastructure technology and applications.

- **Provide new functions** in your landscape by upgrading whole SAP business scenarios to a new release.
- **Safely leverage your existing investments** in infrastructure technology and applications to Enterprise SOA.
SAP’s Change & Transport System and the Development Infrastructure manages configuration and custom development changes, and controls software logistics processes in both ABAP and JAVA based environments.

- Simplified transport management, to avoid inconsistent system states
- Central administration of all transports (ABAP, Java, ...) in one UI
- Combined transports for mixed sets of objects (ABAP, Java, EP Content, PI Configuration, ...) with synchronized updates of mixed processes (ABAP/JAVA applications)

Integrated with SAP Solution Manager’s Change Request Management Service
Up-To-Date-Processes

(Java) Support Package Manager

Overview SL Toolbox
SL provides tools, services and documentation to keep your installed systems up-to-date and solve application problems by applying the latest support packages and corrections.

- Addresses requirement to apply fixes and software optimizations
- JSPM is standard tool for patching of all SAP Java components
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<th>Solution Landscape / Business Scenario</th>
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<td>Applying SAP Notes</td>
<td>SAP Note Assistant Online Documentation</td>
<td>n/a</td>
<td>SAP Note Assistant Integration w/ ChaRM (?)</td>
<td>(?)</td>
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<td>Applying Patches/SPs</td>
<td>SPAM Online Documentation + Notes</td>
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<td>CTS – Repository/Version DB (Correction Workbench)</td>
<td>NWDI – DTR (Java CorrectionWorkbench)</td>
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