Datasheet
PRIMEFLEX for SAP Landscapes

ImplementationPack (Germany only)

Introduction

PRIMEFLEX for SAP Landscapes is an integrated system – designed, delivered and supported as one product. This makes the deployment, operation and further development of the infrastructure solution easy, extremely fast and very secure. The integrated FlexFrame Orchestrator Management software offers consistent and standardized administration of infrastructure, databases and applications. This facilitates a more reliable operation and dramatically boosts responsiveness throughout the business enterprise.

The **Fujitsu ImplementationPacks** provide a robust, high quality installation and implementation of a PRIMEFLEX for SAP Landscapes (powered by FlexFrame® Orchestrator) infrastructure. It provides an accelerated time-to-productivity foundation for enhanced operational stability and performance. This enables IT staff to focus on what is most important to their business and realize a rapid return on investment for this solution.

To ensure service quality and ongoing support assurance, PRIMEFLEX ImplementationPacks can only be delivered by a Certified PRIMEFLEX Implementation Engineer.

Benefits

The **ImplementationPacks for PRIMEFLEX for SAP Landscapes** provide an efficient, reliable deployment and complete implementation of a SAP infrastructure landscape managed by FlexFrame Orchestrator.

The Packs deliver a complete, optimized, ready-to-run SAP Application and SAP HANA solution at a fixed price, eliminating the risk of unforeseen project implementation costs. It utilizes a proven pre-installed and pre-tested hardware configuration, customized to customer-specific requirements to ensure maximised alignment to business needs.

PRIMEFLEX for SAP Landscapes ImplementationPack

- The Start Base ImplementationPack covers the installation and integration of two control nodes, two network switches in one switchgroup and one local NetApp Filer cluster at initial installation time in one location.
- The Node Packs cover the installation and integration of one additional either physical application or hypervisor node at initial installation or at a later point in time after the initial installation in one location.
- The ClusXT Base is used to extend an existing cluster at a later date (system expansion).
- The time pack is used to provide additional cost coverage. It should only be used with the agreement of the central implementation teams.

Order codes	
PRIMEFLEX for SAP LANDSCAPES Start Base: *FSP:G-IM28500PRSER*	PRIMEFLEX for SAP LANDSCAPES ClusXT Base: *FSP:G-IM28800PRSER*
PRIMEFLEX for SAP LANDSCAPES Node Pack Non-Hyp: *FSP:G-IM28600PRSER*	ImplementationPack (SAP) Time (1 Working Day) *FSP:G-IM25300PRDDS*
PRIMEFLEX for SAP LANDSCAPES Node Pack Hyp: *FSP:G-IM28700PRSER*	

Service in detail

Our Service Offering

The ImplementationPack PRIMEFLEX for SAP Landscapes Start Base delivers the following services:

- Solution Specificaton
- Solution Implementation
- Solution Handover

Solution Specification

In an initial meeting, the Fujitsu FlexFrame Consultant and the Project Manager introduce the project scope, collects and documents all the information required:

- Solution concept and deliverables
- Data center integration
- Timeline, milestones and project communication
- Completed questionnaire with all relevant information:
  - ➢ Infrastructure (power, rack size, storage,…)
  - ➢ Network (IP addresses, VLAN IDs, host names,…)
  - ➢ Storage volumes, pools and group names
  - ➢ SAP Basis (SID, Release, Instance No, …)
- Description of the ordered solution, in scope & out-of-scope topics
- Afterwards complete FlexFrame Management Tool based on the Solution Specification

Solution Implementation

The PRIMEFLEX for SAP Landscapes infrastructure solution is deployed and integrated into the customer's data center:

- Hardware installation and configuration of components into the customers datacenter:
  - ➢ Power & Network cabling
  - ➢ Network configuration
  - ➢ Uplink to the customer backbone switches
- FlexFrame specific BIOS configuration
- Firmware check according to FlexFrame release matrix and if necessary update of it.
- Configuration of local NetApp storage cluster (e.g. cDOT installation, create FFO volumes, ⋯)
- FlexFrame Basis installation for max. 2 pools, therof one for production (e.g. two control nodes, default application node image, FlexFrame HA agents)
- Installation of two additional tool server for backup or PMS packages (OS installation, network integration)
- Creation of one customer specific Linux AN image (e.g. adding max. two 3rd party software packages)

Solution Handover

The Handover Workshop includes the following tasks:

- Handover Documentation & signed acceptance test
- Basic Introduction to PF4SL Operations (not compareable to a training)
- Ready4Service Documentation

After the successful completion of these tasks a fully operational PRIMEFLEX for SAP Landscapes environment is released to the customer and the SAP Application Nodes will be installed next (see ImplementationPack Application Node).

The ImplementationPack PRIMEFLEX for SAP Landscapes Node Pack Non-Hypervisor delivers the following services:

- Installation of the Certified components into the customer's Data Center.
  - ➢ PRIMERGY and PRIMEQUEST compute nodes
  - All in-rack power and network cabling.
- Setup of remote access for remote deployment and ongoing support.
- Production of a Low Level Design that satisfies the Customer's existing network design.
  - ➢ Including reserved parameters ready for future node expansion.
- Configuration of all devices against the Low Level Design
- FlexFrame specific BIOS configuration
- Firmware check according to FlexFrame release matrix and, if necessary, update of it.
- Update of the FlexFrame Management Tool (host name, IP addresses etc)
- Functionality test (Linux Logon) after power-on
- Product acceptance testing.
  - ➢ Acceptance testing
  - ➢ Resiliency testing
- Formal Handover documentation with all relevant SW version details and settings along with default passwords employed.
- Completion of Ready-4-Service Documentation
- Online activation of Fujitsu SolutionPacks

The ImplementationPack PRIMEFLEX for SAP Landscapes Node Pack Hypervisor delivers the following services:

- Installation of the Certified components into the customer's Data Center.
  - ➢ PRIMERGY and PRIMEQUEST compute nodes
  - All in-rack power and network cabling.
- Setup of remote access for remote deployment and ongoing support.
- Production of a Low Level Design that satisfies the Customer's existing network design.

➢ Including reserved parameters ready for future node expansion.
- Configuration of all devices against the Low Level Design
- Installation of Host ESXi and KVM software.
- FlexFrame specific BIOS configuration
- Firmware check according to FlexFrame release matrix and, if necessary, update of it.
- Update of the FlexFrame Management Tool (host name, IP addresses,...)
- Virtualization with KVM / VMware ESXi
- Functionality test (Linux Logon) after power-on
- Product acceptance testing.
  - ➢ Acceptance testing
  - ➢ Resiliency testing
- Formal Handover documentation with all relevant SW version details and settings along with default passwords employed.
- Completion of Ready-4-Service Documentation
- Online activation of Fujitsu SolutionPacks

The ImplementationPack PRIMEFLEX for SAP Landscapes delivers the following service:

- ClusXT Base covers the preparation activities to enable additional nodes to be added to an existing Landscape at a date after initial implementation.

Pre-requisites

- The required infrastructure (connections for the power supply, LAN etc.) including the necessary building cabling, are to be provided by the customer in such a way that they can be connected to the system.
- Basic configuration parameters, such as IP addresses and host names are defined. The customer provides the appropriate license keys.
- The Ready-4-Service (R4S) workflow and related documentation ensure smooth hand over from the deployment to operation and, in addition, configuration changes and updates during the service period. When the contract starts, service readiness of the Fujitsu Integrated System is verified by Fujitsu. Therefore, the customer is required to support Fujitsu as necessary, in particular in recording required system configuration and third-party contract data at initial implementation.
- Delivery of implementation activities and ongoing support assumes that immediate remote access is available for Fujitsu. If the customer is unable to provide remote access the services described can only be provided in a restricted manner and the contractual service levels cannot always be met.
- The Base ImplementationPack must be purchased within 90 days of the PRIMEFLEX for SAP Landscapes.

Further PRIMEFLEX for SAP Landscapes Integration Services

If requested, there are additional Integration Services available as bespoke projects. The following services are just an example of typical options:

- Disaster Recovery concepts
- Migration Services
- Backup Integration
- System Monitoring Integration
- SAP HANA Implementation Service
- SAP HANA System Replication
- SAP Netweaver Implementation Service
- SAP HANA XS Advanced Cockpit installation and configuration
- Installation and configuration of PMS Extension Packages

These (and further) services are available on a **Time & Material** basis.

PRIMEFLEX Ready2Operate

The PRIMEFLEX ImplementationPack is completed with the handover of a pretested HCI solution connected to the customers' network. Additional services such as Active Directory integration or Data migration are not included and must be added separately.

PRIMEFLEX Ready2Operate Consultancy Services are available in Germany and can be employed to bridge the gap between the standard ImplementationPack and the specific needs of the customer.

To enable the correct technical engagement to support a successful project, Ready2Operate is time based by the day and orderable via a standard code. For more information, please see the [Guidance Paper.](#)

Service Delivery

The packages are delivered in local business hours (M-F 9x5). The service can be delivered outside of these times but will be subject to additional charges that can be quoted on request. PRIMEFLEX provides both installation and implementation services in one package. Completion of on-site installation tasks includes confirmation of remote access to enable implementation activities to be completed by central consultants.

Product Deployment Portal (PDP)

For maximum efficiency, it is strongly recommnended that PRIMEFLEX ImplementationPacks are implemented with the aid of Fujitsu's Product Deployment Portal. The PDP provides automatic scripting and documentation creation tailored to each customer solution and is used in all stages of the customer engagement, from initial presales consultation and design, to project management, Installation, Implementation and post-sales enablement.

AIS Connectivity

For customers requiring an enhanced SLA based support service, Fujitsu recommends the use of the AIS remote connection/autocall service. The ImplementationPack for each node includes the configuration of AIS into an existing infrastructure. If no AIS infrastructure exists, we offer an AIS Gateway service.

Out of Scope

The following exemplary topics are not part of a standard PRIMEFLEX for SAP Landscapes ImplementationPack:

- Any data migration service
- Any SAP Netweaver application installation
- Backup integration
- System Monitoring integration

Travel Expenses

Travel cost for PRIMEFLEX ImplementationPacks sold and delivered in Germany is included as standard.

Example Scenarios

A Customer purchasing a new PRIMEFLEX for SAP Landscapes environment with two physical and two hypervisor application nodes would require:
1x ImplementationPack Start Base
2x ImplementationPack Node Pack Hyp
2x ImplementationPack Node Pack Non Hyp

A Customer purchasing a new PRIMEFLEX for SAP Landscapes environment with four physical and four hypervisor application nodes across two sites would require:

2x ImplementationPack Start Base
4x ImplementationPack Node Pack Hyp
4x ImplementationPack Node Pack Non Hyp

An existing PRIMEFLEX for SAP Landscapes Customer purchasing one physical and one hypervisor application node at a later point in time would require:
1x ImplementationPack ClusXT Base
1x ImplementationPack Node Pack Hyp
1x ImplementationPack Node Pack Non Hyp

Service Applicability

The ImplementationPack PRIMEFLEX for SAP Landscapes Start Base is only applicable to a new PRIMEFLEX for SAP Landscapes cluster and cannot be applied to extend an existing PRIMEFLEX for SAP Landscapes cluster.

The ImplementationPack PRIMEFLEX for SAP Landscapes ClusXT Baase is only applicable to a growing an existing PRIMEFLEX for SAP Landscapes cluster.

Legal Information / General Terms and Conditions

In addition to this data sheet, which includes a final list of the features of the services, the general business terms and conditions of the respective local Fujitsu entity for the performance of the services in its respective local version shall apply.

Please refer to: Terms and Conditions

More information

Fujitsu products, solutions & services

Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

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More information

Learn more about Fujitsu, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

www.fujitsu.com

Fujitsu green policy

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.

Please find further information at http://www.fujitsu.com/global/about/environment

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