

# PRIMERGY BladeFrame

# System configurator and order-information guide

**June 2012** 

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**PRIMERGY Server** 

## Instructions

This document contains basic product and configuration information that will enable you to configure your system via System-Architect.

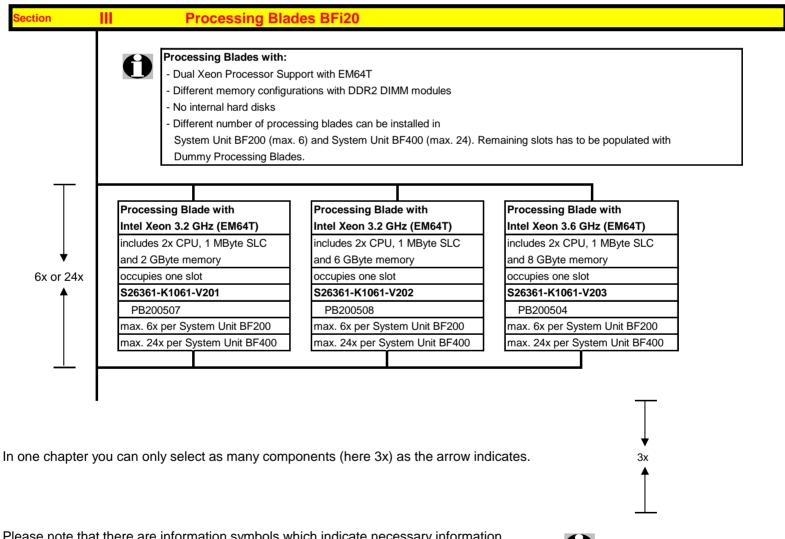
Only the tool "System-Arcitect" will ensure a fast and proper configuration of your PRIMERGY server or your complete PRIMERGY Rack system.

Please pay attention to the naming conventions: **BF400 S2** System unit with up to 24 Processing Blades, improved performance, power options and housing **BF200** System unit with up to 6 Processing Blades BFi20 2-way Processing Blade, (Intel) BFi20S5/6 2-way Processing Blade, Quad Core CPUs (Intel) BFa20 2-way Processing Blade, (AMD) 2-way Processing Blade, Dual Core CPUs (AMD) BFa20S2 4-way Processing Blade, (Intel) BFi40 BFi40S2 4-way Processing Blade, Dual Core CPUs (Intel) BFa40 4-way Processing Blade, (AMD) 4-way Processing Blade, Dual Core CPUs (AMD) BFa40S2

You can configure your individual PRIMERGY BladeFrame system in order to adjust your specific requirements.

The System configurator is divided into several chapters that are identical to the current price list and PC-/ System-Architect.

Please follow the lines. If there is a junction, you can choose which way or component you would like to take. Go through the configurator by following the lines from the top to the bottom.



Please note that there are information symbols which indicate necessary information.



#### For further information see:

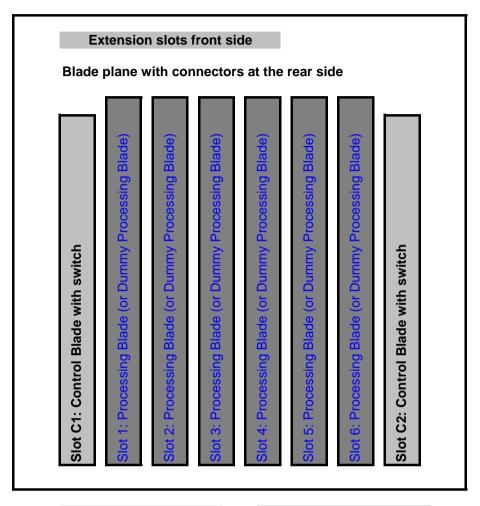
http://ts.fujitsu.com/products/standard\_servers/index.html (internet)

https://partners.ts.fujitsu.com/com/order-supply/configurators/primergy\_config/current/Pages/default.aspx (extranet)

Prices and availability see price list and PC-/ System-Architect Subject to change and errors excepted

## Configuration diagram BF200 BladeFrame chassis incl. Control Blades

### System Unit BF200 (I)

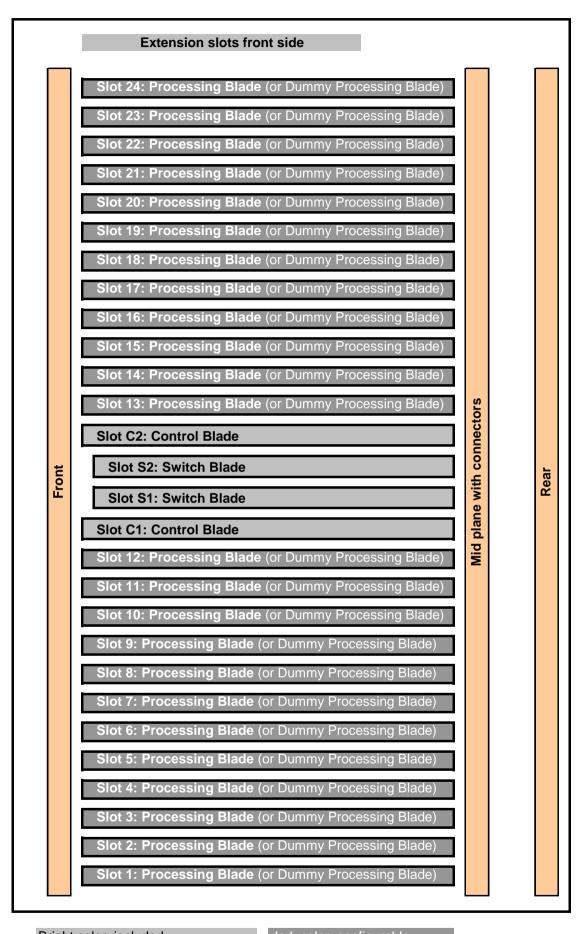


Bright color: included

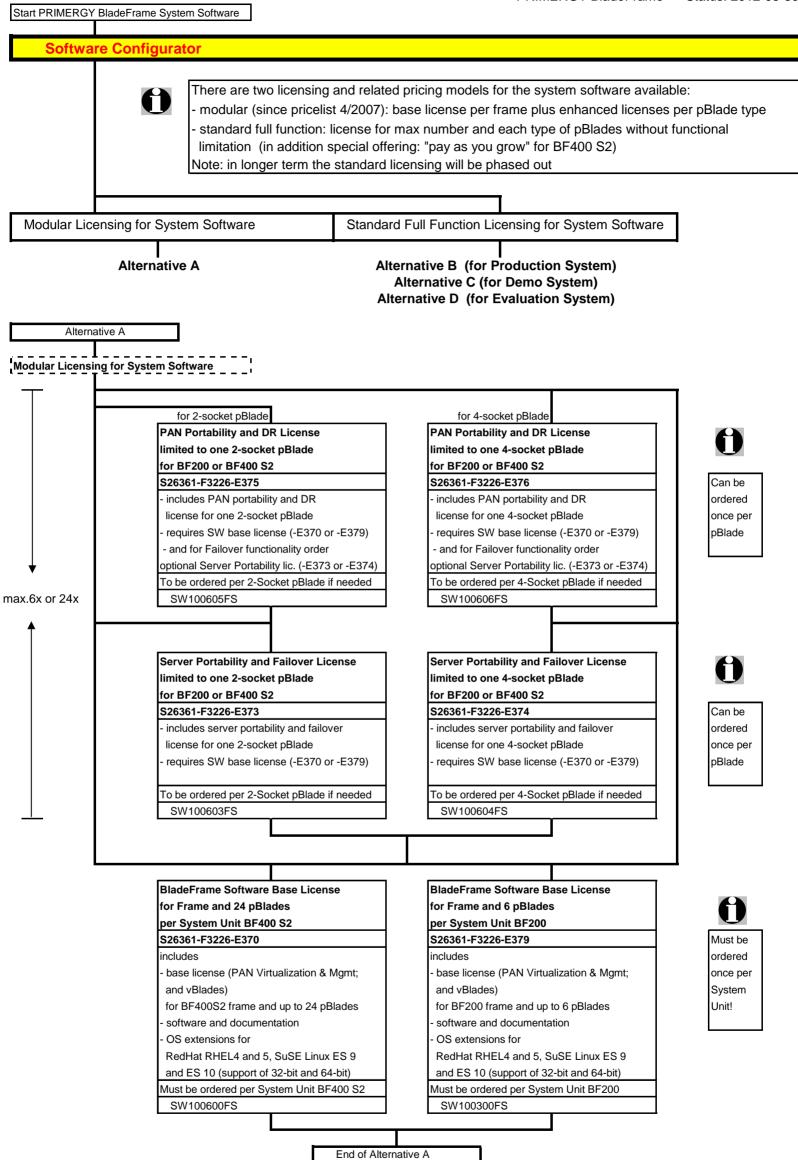
dark color: configurable

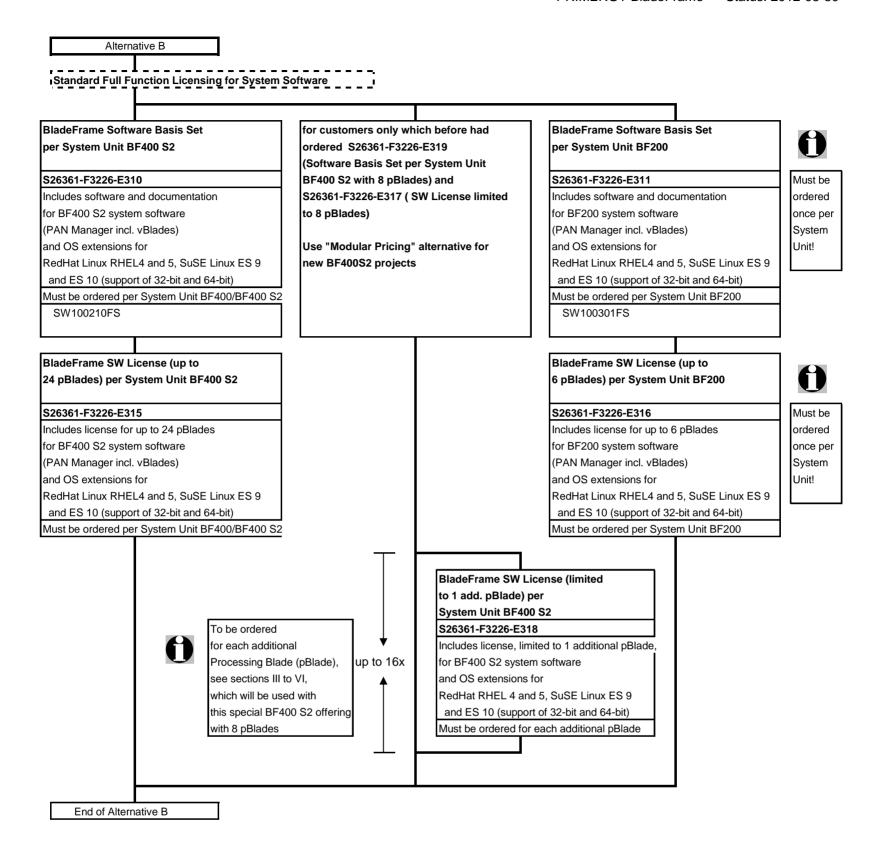
## Configuration diagram BF400 S2 BladeFrame chassis incl. Control Blades

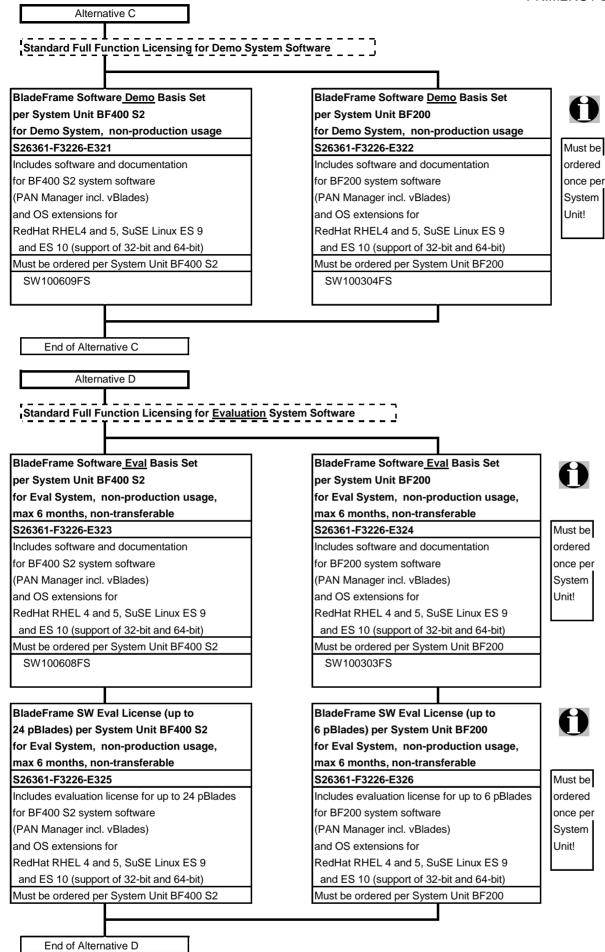
System Unit BF400 S2 (II)

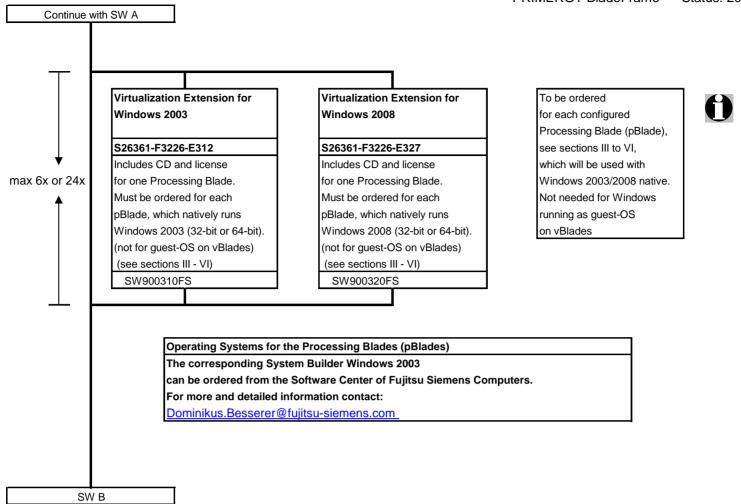


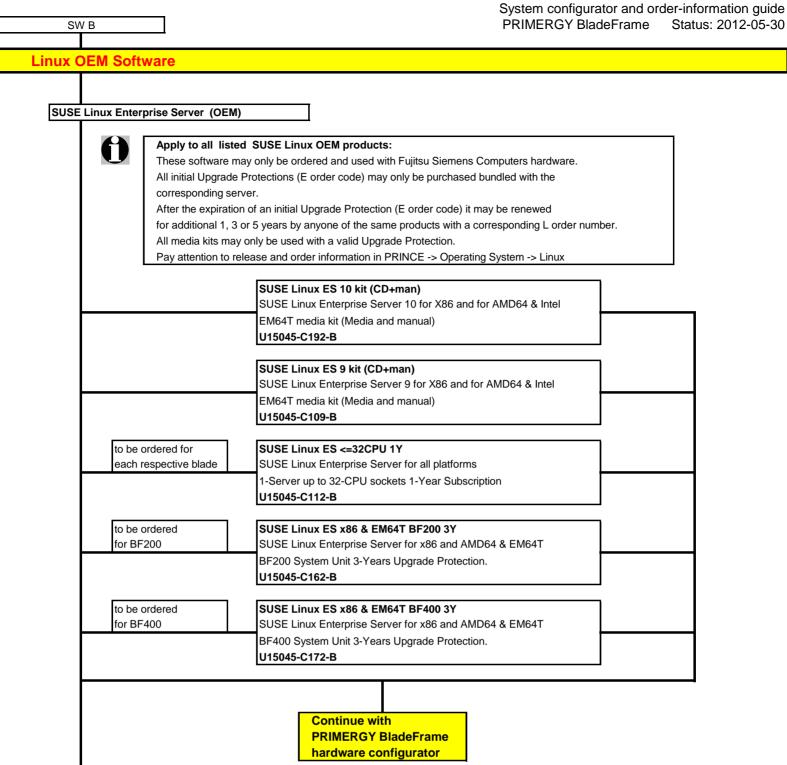
Bright color: included dark color: configurable











SW C

SW C

#### Red Hat Enterprise Linux - L3 Support (OEM)

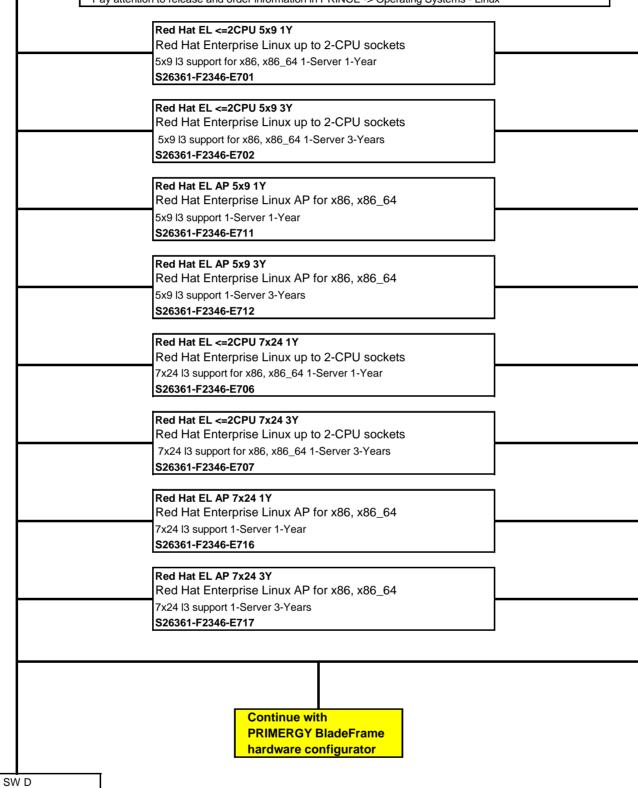


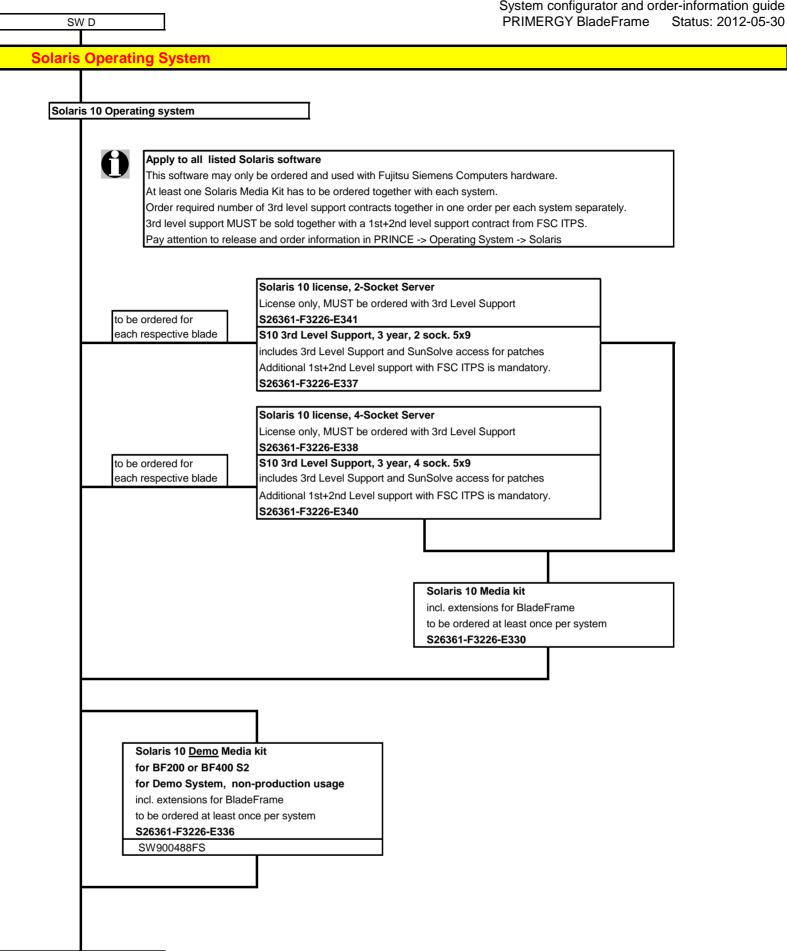
#### Apply to all listed Red Hat Linux OEM products:

These software may only be ordered and used with Fujitsu Siemens Computers hardware. All initial Subscriptions may only be purchased bundled with the corresponding server. After the expiration of an initial Subscription it may be renewed by on of the same products. **Important notice:** 

Since the Red Hat Enterprise Linux Suscriptions only comprises Red Hat level3 Support the corresponding Service Packs or appropriate Linux Contracts must mandatorily be purchased and used beside Subscriptions.

Pay attention to release and order information in PRINCE -> Operating Systems - Linux





SW E

SW E

#### **VMware ESX3.5 Operating System**



Apply to all listed VMware Software products:

The BladeFrame specific "E" order numbers (S26361-F2341-E390 ... E393) for OEM versions are usable, when ordering together with new pBlades, otherwise please use the corresponding "L" order numbers (L303 ... L306). Pay attention to release and order information in PRINCE -> Operating System -> VMware

#### VMware-Software License and SNS

Virtual Infrastructure 3 Standard and Enterprise ESX3.5



The software can be downloaded. In addition a Media Kit can be ordered (S26361-F2341-L300)



For this SW product please refer to the corresponding software configurator accessible via the Extranet under "Configuration & Tools, -All configurations, -Software,

for internal users: for partners:

Continue with PRIMERGY BladeFrame hardware configurator

т System Unit BF200 no longer available



The System Unit BF200 is the chassis for rack integration (FSC PrimeCenter) and consists of:

- Chassis (13U); Dimensions (H/W/D): 57.8 / 44.7 / 76 cm; Weight: 127kg (fully configured) Including:
- all connection infrastructure for Processing Blades
- 19" Rack mounting kit
- 1 Power Input Moduls
- 2 Redundant Control Blades
- 1x power cord 32A CEE (max. 30A system requirement), Universal European (IEC 309), 3.5m

- 6 empty slots for up to 6 processing blades, has to be fully populated with Processing Blades or Dummy Processing Blades

#### External Interfaces:

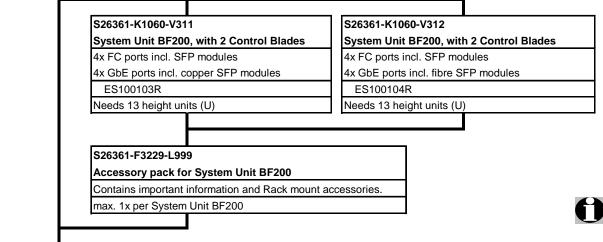
- 4x Fibre Channel connections for SAN incl. SFP modules
- · 4x Gigabit Ethernet LAN connections, copper RJ45 or fibre SFP included

- (see section Software Configuration)



Α

Both the Dual and the Quad Processing Blades can be used in mixed configuration within the system unit.



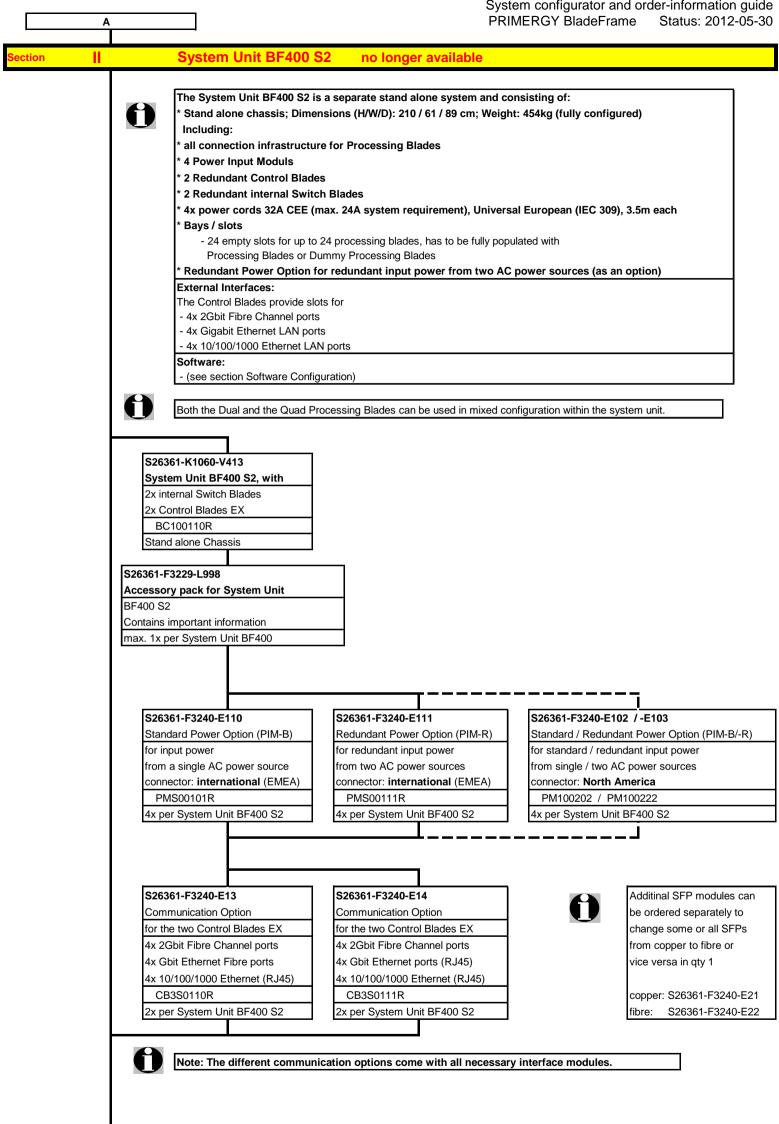


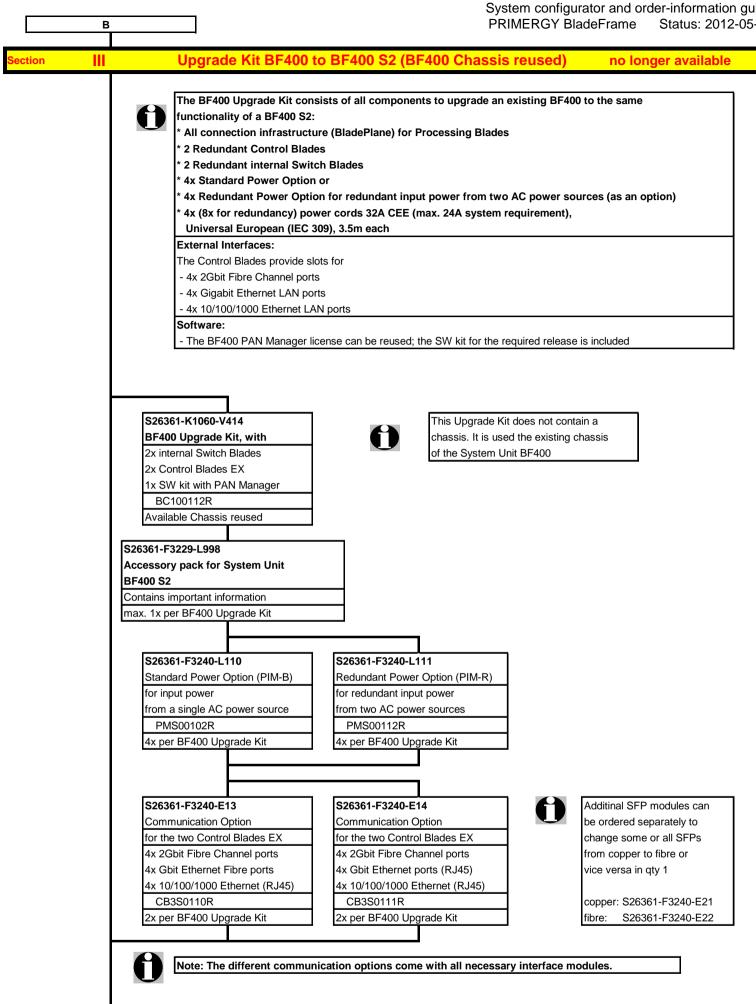
Additional SFP modules can be ordered separately to change some or all SFPs from copper to fibre or vice versa in qty 1.

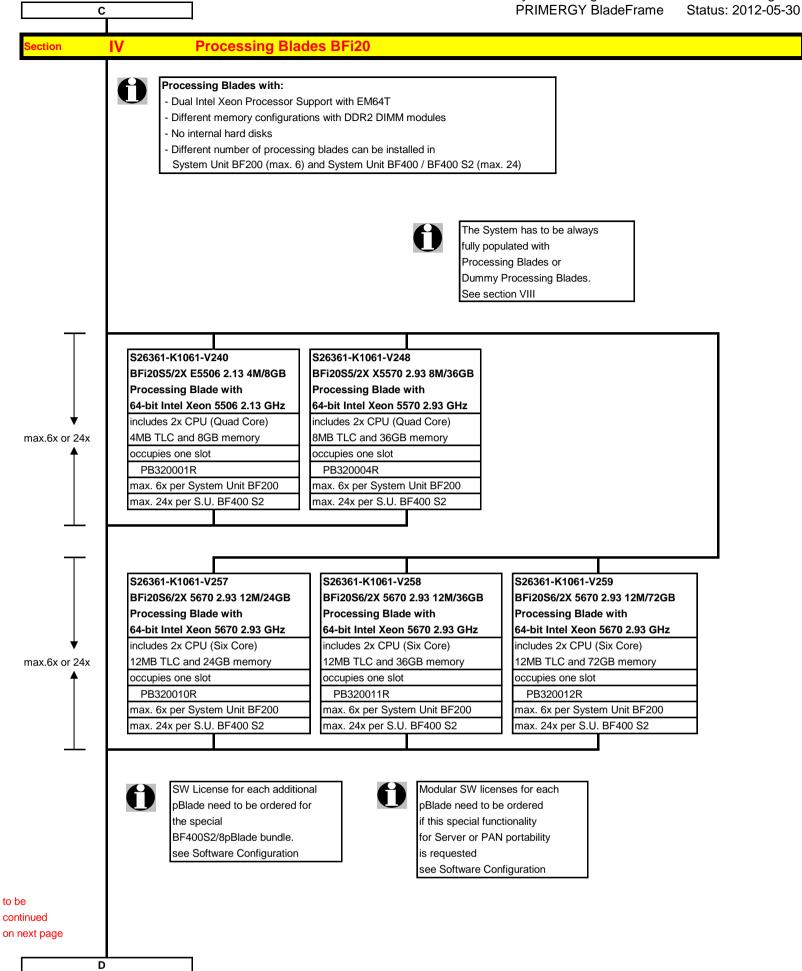
copper: S26361-F3240-E21 fibre: S26361-F3240-E22

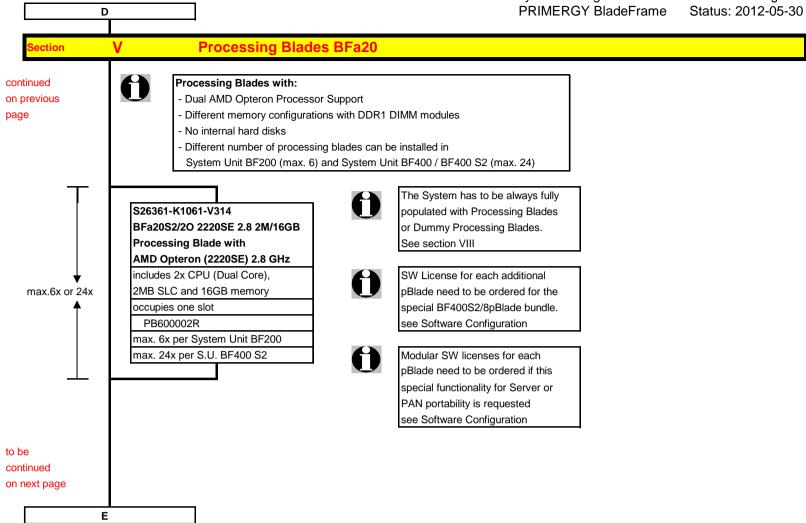


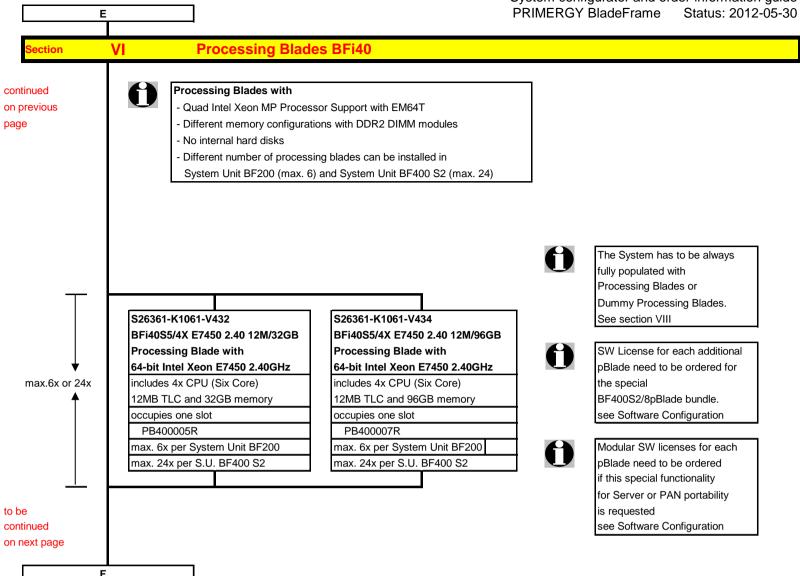
A static transfer switch for BF200 is offered by Emerson Network Power. A FSC white paper describes the details, see Extranet

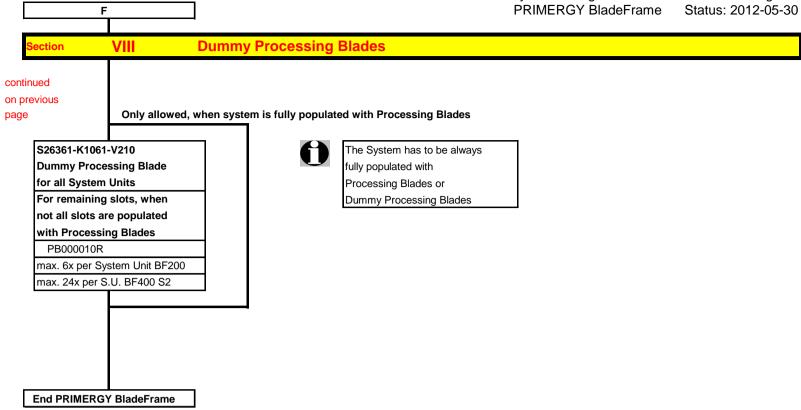












## **Change Report**

| Date       | Order number       | Changes   |
|------------|--------------------|---|
|            |                    |   |
| 2011-10-01 | S26361-K1061-V247, | Processing Blades - no longer available   |
|            | S26361-K1061-V249, |   |
|            | S26361-K1061-V517  |   |
| 2010-09-01 | S26361-K1061-V257, | new Processing Blades - now available   |
|            | S26361-K1061-V258, |   |
|            | S26361-K1061-V259  |   |
| 2009-07-31 | S26361-K1061-V249  | Processing Blade with 64-bit Intel X5570 2.93 8M/72GB - now available             |
| 2008-11-27 | S26361-K1061-V434  | Processing Blade with 64-bit Intel Xeon E7450 2.40GHz - now available             |
| 2008-11-27 | S26361-K1061-V432  | Processing Blade with 64-bit Intel Xeon E7450 2.40GHz - now available             |
| 2008-05-29 | S26361-K1061-V515  | Processing Blade with AMD Opteron (8216) 2.4 GHz - no longer available            |
| 2008-05-29 | S26361-K1061-V514  | Processing Blade with AMD Opteron (8216) 2.4 GHz - no longer available            |
| 2008-05-29 | S26361-K1061-V513  | Processing Blade with AMD Opteron (8216) 2.4 GHz - no longer available            |
| 2008-05-29 | S26361-K1061-V313  | Processing Blade with AMD Opteron (2216) 2.4 GHz - no longer available            |
| 2008-03-26 |                    | New Order numbers for PAN-SW (DEMO and Evalution)                                 |
| 2007-12-11 | S26361-K1061-V232  | Processing Blade with 64-bit Intel Xeon E5450 3.00 GHz 32 GB - now available      |
| 2007-12-11 | S26361-K1061-V231  | Processing Blade with 64-bit Intel Xeon E5450 3.00 GHz 16 GB - now available      |
| 2007-12-11 | S26361-K1061-V230  | Processing Blade with 64-bit Intel Xeon E5410 2.33 GHz 8 GB - now available       |
| 2007-10-26 | S26361-K1061-V217  | Processing Blade with 64-bit Intel Xeon 5160 3.00GHz - no longer available        |
| 2007-10-26 | S26361-K1061-V216  | Processing Blade with 64-bit Intel Xeon 5160 3.00GHz - no longer available        |
| 2007-09-18 | S26361-K1061-V423  | Processing Blade with 64-bit Intel Xeon X7350 2.93GHz 64GB - now available        |
| 2007-09-18 | S26361-K1061-V422  | Processing Blade with 64-bit Intel Xeon X7350 2.93GHz 32GB - now available        |
| 2007-07-20 | S26361-K1061-V220  | Processing Blade with 64-bit Intel Xeon 5355 2.66 GHz 8 GB - now available        |
| 2007-07-20 | S26361-F3226-E319  | PY BF400 SW Basis Set (8 pBlades) - no longer available                           |
| 2007-07-20 | S26361-F3226-E317  | PY BF400 SW Licence (8 pBlades) - no longer available                             |
| 2007-05-31 | S26361-K1060-V32x  | Bundle option 1 bis 4: BF200 4/4, SW, 6 pBlades (Intel,AMD) - no longer available |
| 2007-04-27 | S26361-K1061-V222  | Processing Blade with 64-bit Intel Xeon 5355 2.66 GHz 32 GB - now available       |
| 2007-01-25 | S26361-K1061-V416  | Processing Blade with 64-bit Intel Xeon 7140M 3.4GHz - now available              |
| 2007-01-25 | S26361-K1061-V221  | Processing Blade with 64-bit Intel Xeon 5355 2.66 GHz - now available             |
| 2006-11-20 | S26361-K1061-V511  | Processing Blade with AMD Opteron (852) 2.6 GHz - no longer available             |
| 2006-11-20 | S26361-K1061-V512  | Processing Blade with AMD Opteron (875) 2.2 GHz - no longer available             |
| 2006-11-20 | S26361-K1061-V517  | Processing Blade with AMD Opteron (2220SE) 2.8 GHz - now available                |
| 2006-09-27 | S26361-F3226-E320  | Automatization of purchase order processing - no longer necessary                 |
| 2006-09-16 | S26361-K1060-V324  | Bundle option 4: BF200 4/4f, SW, 6 pBlades (AMD) - now available                  |
| 2006-09-16 | S26361-K1060-V323  | Bundle option 3: BF200 4/4c, SW, 6 pBlades (AMD) - now available                  |
| 2006-09-16 | S26361-K1060-V322  | Bundle option 2: BF200 4/4f, SW, 6 pBlades (Intel) - now available                |
| 2006-09-16 | S26361-K1060-V321  | Bundle option 1: BF200 4/4c, SW, 6 pBlades (Intel) - now available                |
| 2006-08-23 | S26361-K1061-V515  | Processing Blade with AMD Opteron (2216) 2.4 GHz - now available                  |
| 2006-08-23 | S26361-K1061-V514  | Processing Blade with AMD Opteron (2216) 2.4 GHz - now available                  |
| 2006-08-23 | S26361-K1061-V513  | Processing Blade with AMD Opteron (2216) 2.4 GHz - now available                  |
| 2006-08-23 | S26361-K1061-V314  | Processing Blade with AMD Opteron (2220SE) 2.8 GHz - now available                |
| 2006-08-23 | S26361-K1061-V313  | Processing Blade with AMD Opteron (2216) 2.4 GHz - now available                  |