

Date: 18/01/2016

Instruments: *Convergys*<sup>®</sup> X5

## ATTENTION- HIGH IMPORTANCE – PLEASE READ CAREFULLY!!

Subject: New mainboard in Convergys X5 analyzers

Effective Date: January 18<sup>th</sup> 2016

The IX945GSE mainboard in *Convergys*<sup>®</sup> X5 has become obsolete and is no longer available for production use. This board will be replaced by the Fujitsu D3313-S2 mainboard (PN 100-03) from January 2016 .

As a result of the mainboard obsolescence there are other components that have become obsolete as well:

1. Obsoleted components along with the IX945GSE mainboard

Part No	Description
A5-100-02	Mini-ITX mainboard IX945GSE
VXRAM003	Memory module <i>Convergys</i> <sup>®</sup> X5 IX945GSE (2Gb)
A57504-02	LVDS cable IX945GSE
A57501-03	LED driver cable
0SBBOP5420	Opt5 hardware block plate

2. As a result of the introduction of Fujitsu D3313-S2 mainboard, listed below are new board and components which are needed.

**(N.B. All below will be contained in a single upgrade kit. Kit number is OPHB10-SP)**

Should you have questions regarding this Technical Bulletin, please contact us at:  
[support@convergent-technologies.de](mailto:support@convergent-technologies.de)

---

### Convergent Technologies GmbH & Co. KG

#### Registered Office

Germany  
Ringstrasse 14, 35091 Cölbe, Germany  
Tel: +49 6421 8869948 Fax: +49 6421 8869958  
Homepage: [www.convergent-technologies.de](http://www.convergent-technologies.de)  
e-mail: [info@convergent-technologies.de](mailto:info@convergent-technologies.de)

Ust-Id: DE 241291597  
Steuernummer: 031 310 30121  
Amtsgericht Marburg HRA 4125  
Geschäftsführer: Umesh Bhalla

Bank: Volksbank Main-Tauber eG, Tauberbischofsheim,

#### EURO Transfers

Account No. 67131401  
IBAN DE66 6739 0000 0067 1314 01  
BIC GENODE61WTH  
SWIFT GENODEFF

#### USD Transfers

Account No. 567131408  
IBAN DE97 6739 0000 0567 1314 08  
BIC GENODE61WTH  
SWIFT GENODEFF

REV006

Part No	Description
A5-100-03	Fujitsu D3313-S2 mainboard
VXCOOL01	Active Cooler D3003/3313 - F5000-C005
VXRAM004	Memory module Fujitsu D3313-S2
A57503	Audio amplifier cable
A57528	Power switch cable
A5733-02	Assembled power cable with switch
0SBBOP5420_v2	Opt5 hardware block plate
A5_powersw	A5 power SW_v1.2
A5524-02	Audio amplifier board (AUDIO-AMP_2v1)
A57501-04	LED driver cable
A57501-SP	LCD/LED cable **
A57504-03	LVDS cable
A57529	POWER cable D3313-S <i>Convergys® X5</i>

\*\* Only required in early A5 versions which have a LCD screen. If this component isn't required please scrap it.

- Along with the mainboard and other component changes it is required to upgrade the operating system and we must move from Windows XP to Windows 8.1.
- Convergent Technologies R&D has performed a full system verification and validation on the new Fujitsu D3313-S2 main board, of the required new components and the operating system and software revision that is required to implement the new main board.

At the time of the introduction of all the above components, we will also release a new SW version for all *Convergys® X5*. More information will follow about this nearer to the date of introduction of the new mainboard and operating system.

This separate information will include work instructions on how to replace a new mainboard in earlier models analyzers should there be a mainboard failure.

If you have any questions please do not hesitate to contact us.

Best regards

**Convergent Technologies GmbH & Co. KG**  
**Ringstrasse 14, 35091 Coelbe, Germany**  
**Tel: +49 6421 8869948**  
**Fax: +49 6421 8869958**

---

**Convergent Technologies GmbH & Co. KG**

**Registered Office**

Germany  
 Ringstrasse 14, 35091 Cölbe, Germany  
 Tel: +49 6421 8869948 Fax: +49 6421 8869958  
**Homepage:** [www.convergent-technologies.de](http://www.convergent-technologies.de)  
**e-mail:** [info@convergent-technologies.de](mailto:info@convergent-technologies.de)

**Ust-Id:** DE 241291597  
 Steuernummer: 031 310 30121  
 Amtsgericht Marburg HRA 4125  
**Geschäftsführer:** Umesh Bhalla

**Bank:** Volksbank Main-Tauber eG, Tauberbischofsheim,

**EURO Transfers**

Account No. 67131401  
 IBAN DE66 6739 0000 0067 1314 01  
 BIC GENODE61WTH  
 SWIFT GENODEFF

**USD Transfers**

Account No. 567131408  
 IBAN DE97 6739 0000 0567 1314 08  
 BIC GENODE61WTH  
 SWIFT GENODEFF