

Release Notes

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# Introduction

## Purpose and Scope

This document describes the functional and technical changes included in the late CRs of version 21.1 of the Fokus system. It provides a detailed functional description of the changes and their impact.

### Major Milestones of the Version

|  |  |  |
| --- | --- | --- |
| Milestone | Date | Comments |
| UAT | 12/01/2014 |  |
| Telia Production | 23/02/2014 | Netcom and Telia production on the same weekend |
| Netcom Production | 23/02/2014 |  |

## Related Documentation

HLD documents – refer to the list in section ‎2.1s, “CR Summary”.

# Functional Change Summary

## CR Summary

All the changes in this release were developed as T&M. Please refer to section [3.1 – Changes Summary](#_Changes_Summary) for more details about the changes.

## Defect Summary

### NetCom

N/A

### Netcom Total Defects

N/A

### Telia

NA

### Telia Total Defects

NA

### Netcom/Telia Rejected defects

NA

### Total Rejected Defects

NA

# Changes Made On Site

## Changes Summary

This section describes all of the changes that were developed on site as part of the Time and Material (T&M) CRs, and not as part of the release’s scope. These changes were merged into the source area of this version; thus, they were incorporated in this release.

### Telia

| Main Application | CR ID | Impact on Other Applications | Short Description of Change | Solution Document | Comments |
| --- | --- | --- | --- | --- | --- |
| Price Plan | T&M 1816 |  | Quick Search in PP |  |  |
| CSM | T&M 1874 (CR 1460) |  | Enhancement to CR 1460 - Suspension Improvements |  |  |
| CSM | T&M 1875 (CR 1482) | AR | New memo type to be used for Automatic refund |  |  |
| ADD | T&M 1885 (CR 1425) |  | Remove certain RC merging rules in FBF - TSD CR 26428 |  |  |
|  |  |  |  |  |  |

### Netcom

| Main Application | CR ID | Impact on Other Applications | Short Description of Change | Solution Document | Comments |
| --- | --- | --- | --- | --- | --- |
| SC | T&M 1890 (CR 1498) |  | Update-IN-flag-for-VoIP |  | Delivered in V21.0 |
| AR | T&M 1859 (CR 1491) | CSM | Credit limit exception for charge - CSM part |  |  |
| AR | T&M 1876 (CR 1492) |  | GL breakdown for GL dealer |  |  |
| RFT | T&M 1892A |  | Reference OL change for FYI Parameters |  |  |
| SC | T&M 1858 (CR 1495) |  | Replacing SMS M+ IN functionality |  | Delivered in V21.0 |
| SC | T&M 1877 |  | SMS+ Re-provisioning | Covered in the document for T&M 1858 | Delivered in V21.0 |
| SC | T&M 1887 |  | Removal of TRISIM trigger in CNDB for Trilling SMS Subscribers | Covered in the document for T&M 1858 | Delivered in V21.0 |
| AR | T&M 1889 |  | CR1519 – BAN Level Leasing – Journaling Part |  | Will be delivered on 03/02/2014 |

## Defects Summary

### NetCom

| Project | Defect ID | Severity | Detected on Site | Detected in Version | Summary | Est. Delivery Date |
| --- | --- | --- | --- | --- | --- | --- |
| Csm | 4228 | 4-Low | Netcom-site | Ver 9.0 | Fokus send FBES for fixed numbers | 12/01/2014 |
| Csm | 5303 | 4-Low | Netcom-site | Ver 15.2 | Problems with copy and paste | 12/01/2014 |
| Dealer | 5380 | 3-Medium | Netcom-site | Ver 15.2 | Some CDs in with CPP activity in DMS have no reason code | 12/01/2014 |
| Csm | 6221 | 2-High | Netcom-site | Ver 17.0 | Billing doesnt handle RC swap correctly if the RC swap happens on the start date of the next cycle period | 12/01/2014 |
| Csm | 7497 | 2-High | Netcom-site | Ver 20.0 | Wrong expiration date after move from ban to ban (soc with duration) | Delivered in V21.0 |
| Csm | 7504 | 4-Low | Netcom-site | Ver 20.0 | Possible to set future start date for manual commitment | 12/01/2014 |
| Dealer | 7517 | 3-Medium | Netcom-site | Ver 20.0 | CDs are missing in DMS after move ctn | 12/01/2014 |
| Billing | 7543 | 3-Medium | Client\_Netcom | Ver 20.0 | Change billing DL for blqa\_prepq improvement. | 12/01/2014 |
| Maf | 7546 | 3-Medium | Netcom-site | Ver 20.0 | missing b-number in TAP2-files for GWI-originated calls | 12/01/2014 |
| Csm | 7549 | 4-Low | Netcom-site | Ver 20.0 | Adding services through mass soc for call id need to be checked | 12/01/2014 |
| Maf | 7550 | 3-Medium | Netcom-site | Ver 20.0 | BW UDWH third party operator | 12/01/2014 |
| Maf | 7551 | 3-Medium | Netcom-site | Ver 20.0 | BW.relatedcallidreason is cut | 12/01/2014 |
| Maf | 7552 | 3-Medium | Netcom-site | Ver 20.0 | BW product type | 12/01/2014 |
| Csm | 7555 | 3-Medium | Netcom-site | Ver 21.0 | Subscriber type is set wrong on ban type Service provider - Chess2 | 12/01/2014 |
| AR | 7560 | 2-High | Netcom-site | Ver 21.0 | Failure in ARCLCRDINV job - Telia | Delivered in V21.0 |
| AR | 7570 | 3-Medium | Netcom-site | Ver 21.0 | Payments Job Performance Improvement | 12/01/2014 |
| Csm | 7574 | 3-Medium | Netcom-site | Ver 21.1 | Not able to activate new subscriber on ban 130367006 | 12/01/2014 |
| Csm | 7575 | 3-Medium | Netcom-site | Ver 21.0 | Not able to add services in mass soc activity | 12/01/2014 |
| Billing | 7577 | 3-Medium | Netcom-site | Ver 21.0 | zero duration UC record not created in billing | 12/01/2014 |
| Csm | 7581 | 2-High | Netcom-site | Ver 21.0 | Chess letter file does not include all the Chess letters | 12/01/2014 |
| MPS | 7584 | 4-Low | Netcom-site | Ver 21.1 | Performance improvement of BLROLLIM | 12/01/2014 |
| Billing | 7585 | 3-Medium | Netcom-site | Ver 21.0 | VAT amount in CSV is calculated wrongly for Carry over bills with immediate credit | 12/01/2014 |

### Netcom Total Defects

| **Severity** | **Number of Defects** |
| --- | --- |
| Critical | 0 |
| High | 4 |
| Medium | 13 |
| Low | 5 |
| **Total** | **22** |

### Telia

| Project | Defect ID | Severity | Detected on Site | Detected in | Summary | Est. Delivery Date |
| --- | --- | --- | --- | --- | --- | --- |
| Security | 5769 | 3-Medium | Telia\_Site | Ver 15.0 | Adjustment Window not validating amount to security, when amount is pasted into amount field. | 12/01/2014 |
| NP | 6177 | 4-Low | Telia\_Site | Ver 16.0 | Internal port in back is not handled by Internal porting | 12/01/2014 |
| NP | 7296 | 3-Medium | Telia\_Site | Ver 18.0 | Network porting Closing Status, cusings error for reuse of tempoary MSISDN | 12/01/2014 |
| Billing | 7307 | 2-High | Telia\_Site | Ver 18.0 | CIT4094 - billing create wrong charges when swap of RC-feature and add promotion happen in the same month. | 12/01/2014 |
| Csm | 7345 | 3-Medium | Telia\_Site | Ver 19.0 | CIT4094 - CSM expire feature wrongly when swap of RC-feature | 12/01/2014 |
| Csm | 7411 | 4-Low | Telia\_Site | Ver 19.0 | CIT4259 - Not possible to reverse adjustment | Delivered in V21.0 |
| Csm | 7421 | 3-Medium | Telia\_Site | Ver 19.0 | CIT4319 - CSM/NP did not expire feature when swap of RC-feature | 12/01/2014 |
| Csm | 7436 | 3-Medium | Telia\_Site | Ver 19.0 | CIT4345 - Change CTN cause negative soc to reset expiration date | 12/01/2014 |
| Csm | 7438 | 3-Medium | Telia\_Site | Ver 19.0 | CIT4268 - CSM create entries with wrong dates in service\_feature | 12/01/2014 |
| Csm | 7480 | 3-Medium | Telia\_Site | Ver 20.0 | CIT4452 - Memo must include charge code / adjustment reason (CR1422) | 12/01/2014 |
| Csm | 7492 | 2-High | Telia\_Site | Ver 20.0 | Fraud/stolen suspension is disregarded when reopening suspended BAN | 12/01/2014 |
| AR | 7505 | 3-Medium | Telia\_Site | Ver 20.0 | Wrong number of Collection fees | 12/01/2014 |
| AR | 7506 | 3-Medium | Telia\_Site | Ver 20.0 | CIT4491 - Automatic refund not performed correct when two cycles run at the same time | 12/01/2014 |
| Csm | 7514 | 2-High | Telia\_Site | Ver 19.0 | CIT4413 - Feature swap rpp to rpp2 and early termination | 12/01/2014 |
| Price Plan | 7521 | 3-Medium | Telia\_Site | Ver 20.0 | Illegal SOC Combinations are not shown in PP app | 12/01/2014 |
| Csm | 7529 | 2-High | Telia\_Site | Ver 20.0 | CIT4519 - Conflicting Features | 12/01/2014 |
| Csm | 7530 | 3-Medium | Telia\_Site | Ver 20.0 | SOC BARLEVEL available in MASS SOC | 12/01/2014 |
| Csm | 7531 | 3-Medium | Telia\_Site | Ver 20.0 | CIT4556 - Cancel last active subscriber must check for reserved subscribers with NP-flow | 12/01/2014 |
| Csm | 7532 | 3-Medium | Telia\_Site | Ver 20.0 | Date range in invoice/payments must accept 00:00:0000 | 12/01/2014 |
| Csm | 7533 | 3-Medium | Telia\_Site | Ver 20.0 | CIT4511 - creation of OTC on reserved subscribers must not be allowed | 12/01/2014 |
| Csm | 7534 | 3-Medium | Telia\_Site | Ver 21.0 | Change price plan during MOVE subscriber - duplicate SOCs | 12/01/2014 |
| Billing | 7539 | 3-Medium | Telia\_Site | Ver 19.0 | Period coverage end date is less than start date after CR 1220 changes. | 12/01/2014 |
| Csm | 7544 | 2-High | Telia\_Site | Ver 21.0 | CR1458\_Change rating for a future date and a future date campaign -campaign\_desc not found ! | 12/01/2014 |
| Csm | 7547 | 3-Medium | Telia\_Site | Ver 20.0 | NP activations fails due to change in the structure of the hierarchy with a future dated | 12/01/2014 |
| Csm | 7554 | 2-High | Telia\_Site | Ver 21.0 | Wrong media type - CR 1483 | 12/01/2014 |
| Csm | 7558 | 2-High | Telia\_Site | Ver 21.0 | Restore failed due to new IMSI | Delivered in V21.0 |
| Csm | 7559 | 2-High | Telia\_Site | Ver 21.0 | Error when canceling subscribers and moving subscribers | 12/01/2014 |
| Csm | 7561 | 3-Medium | Client\_Telia | Ver 21.0 | CSM error + When cancelling a subscriber with waiver | 12/01/2014 |
| Csm | 7564 | 3-Medium | Amdocs Haifa | Ver 21.0 | TM1809 - Not able to reprint bills opened in old SRD bill image | 12/01/2014 |
| Csm | 7565 | 2-High | Telia\_Site | Ver 21.0 | Application ID error in production | 12/01/2014 |
| Csm | 7568 | 3-Medium | Telia\_Site | Ver 21.0 | Memo date is wrong when changing billcycle with immediate effect | 12/01/2014 |
| Csm | 7569 | 2-High | Client\_Telia | Ver 21.0 | Initialize o\_OrigProdTp->rngholdind and o\_OrigProdTp->intportind in csChkValImp service | 12/01/2014 |
| Csm | 7572 | 3-Medium | Telia\_Site | Ver 21.0 | Error when trying to change BAN Sub type | 12/01/2014 |
| Billing | 7579 | 2-High | Telia\_Site | Ver 21.0 | CIT4630 - wrong RC created for customers with priceplan and promotion | Delivered in V21.0 |
| MPS | 7582 | 4-Low | Telia\_Site | Ver 21.0 | Performance improvement of MPSENDOFDAY | 12/01/2014 |
| MPS | 7583 | 4-Low | Telia\_Site | Ver 21.1 | Performance improvement of ACCLEPATCRE | 12/01/2014 |

### Telia Total Defects

| **Severity** | **Number of Defects** |
| --- | --- |
| Critical | 0 |
| High | 11 |
| Medium | 21 |
| Low | 4 |
| **Total** | **36** |

### Total Rejected Defects

| Project | Defect ID | Severity | Detected on Site | Detected in | Summary |
| --- | --- | --- | --- | --- | --- |
| Csm | 3123 | 4-Low | Netcom-site | Ver 8.8 | Replace vms with vmsfax send wrong command to insight |
| Csm | 5335 | 3-Medium | Netcom-site | Ver 15.2 | Problems porting in a serie larger then 100 numbers |
| Dealer | 6253 | 3-Medium | Netcom-site | Ver 17.0 | PRP/ACF CDs in DMS |
| Csm | 6810 | 3-Medium | Telia\_Site | Ver 18.0 | CR 1357 - suspension by Credit watch is not changing back to correct suspension reason after collection |
| Csm | 7023 | 3-Medium | Netcom-site | Ver 18.0 | Soc is activated automatically without being part of Campaign |
| Csm | 7389 | 3-Medium | Netcom-site | Ver 19.0 | Voicemail issues part 1 |
| Csm | 7393 | 3-Medium | Netcom-site | Ver 19.0 | Voicemail issues part 5 |
| Csm | 7448 | 3-Medium | Client\_Telia | Ver 19.0 | csm desc is not updated when priceplan has desc/bill text updated |
| Csm | 7451 | 2-High | Client\_Telia | Ver 19.0 | NUA issue: Subscriber charged multiple times when moving BAN after purchasing TOPUP |
| Csm | 7524 | 3-Medium | Netcom-site | Ver 20.0 | Leasing stopped after move BAN |
| Csm | 7576 | 4-Low | Telia\_Site | Ver 21.0 | CIT4589 - Held bill / change print category not available for SP bans |

# Application Functional Changes

The following sections present all functional changes in the version, in accordance with the customer’s request.

Description: Note Some requirements impact more than one application.

The following sections with associated information are available for each item:

* Requirement Overview
* Market-Specific Notes – Specifies whether the change affects both NetCom and Telia markets, or only one of them.
* Functional Specifications – Outlines the functionality modifications performed to fulfil the requirement.
* Impact on Other Applications – Specifies the impact on other applications, both inside and outside Fokus (such as Ninja). This section is optional.
* Assumptions and Constraints
* Implementation, BPT CR, and Training Notes – Lists required reference data changes (also known as BPT CRs).
* File and Record Changes – Describes changes to the input/output file structure (this section is optional).
* Database Structural Changes

# Technical Changes

## Release Changes Summary

The changes in Release 21.1 are summarized in the following table:

|  |  |
| --- | --- |
| UNIX Executables | **√** |
| PB Executables | **√** |
| Database (GDD) | **√** |
| Third-party Tools | **x** |
| Application Patches | **√** |
| BPT Data | **√** |
| FI Data | **√** |
| OP Data | **√** |

## Third-Party Items

| Item Name | Production Version | New Version | Comments |
| --- | --- | --- | --- |
| C | A.06.16 |  |  |
| C++ | A.06.16 |  |  |
| Jolt | 8.1 (RP 264) |  |  |
| Maestro | 8.2 (patch 1.36.1.7) |  | /opt/maestro82/maestro82 |
| MF Cobol | v5.1 |  | /opt/cobol5.1 |
| Oracle | Oracle 11.2.0.3 |  | /oravl01/oracle/11.2.0.3 |
| Oracle Client | 11.2.0.2 | 11.2.0.3 |  |
| OSS ASN.1 | V8.2 | V8.2 | /opt/ossasn1/hpux-itanium-32bit.tgt/8.6.1 |
| PowerBuilder | 11.5 |  |  |
| QuickSelect | 1.9 |  | /opt/qsel1.9\_32bit |
| SQL Net | Net10.1 10.2.0.3.0 |  |  |
| SyncSort | 3.15 |  | /opt/syncsort3.15 |
| Tuxedo | 11g(10.3) |  | /opt/tuxedo10.3 |
| OS | HP-UX B.11.31 U ia64 |  |  |
| Xerces | 2\_6\_0 |  | /local/xerces-c2\_6\_0\_32b/ |
| XML-Xalan | 1\_9\_0 |  | /local/xml-xalan-c1\_9\_0\_32b |

**GNU/Public Domain SW**

| Item Name | Production Version | New Version | Comments |
| --- | --- | --- | --- |
| tcsh | 6.14.00 (Astron) |  |  |
| gzip/gunzip | 1.3.3 |  |  |
| gmake | 3.80 |  |  |
| gdiff | 2.7 |  |  |
| gfind | 3.8 |  |  |
| perl | 5.8.8 |  |  |
| emacs | 21.3 |  |  |
| xemacs | 19.13/21.1 |  | /local/bin/xemacs-19.13 |
| flex | 2.5.4 |  | /local/bin/flex2.5.4 |
| Tk | 4.2 |  |  |
| tcl | 8.4 |  |  |
| gtar | 1.14 |  |  |
| less | 416 |  |  |
| Itk | 2.2 |  |  |
| Itcl | 2.2 |  |  |
| ghostview | 1.5 |  |  |
| wish | 4.2 |  |  |

Kernel Parameters change:

N/A

## Amdocs Tools

| Item Name | Production Version | New Version | Comments |
| --- | --- | --- | --- |
| CC | V07 |  |  |
| CC tools | V07 |  |  |
| Online CC manager | EPCC2009 |  |  |
| Operational | 4.1 (Patch #74) |  |  |
| Schapi | 3.0 (Patch #2) |  |  |
| Juliet | 8.5 |  |  |
| Cell Tools | v15\_0U1 (Patches: P2\_D84 and P3\_D85) |  |  |
| Quality Center | 9 |  |  |
| Tester Choice | 4.81 (SP1) |  |  |
| DDC | 10.0.0.1 |  |  |

## Application Components Delivered

**Online (NT)**

| Application | Version | Compile Date |
| --- | --- | --- |
| Application Tables | 21.1 |  |
| CSM | 21.1 |  |
| Dealer | 21.1 |  |
| Inventory Control | 21.1 |  |
| MAF Error Handler | 21.1 |  |
| Number Management | 21.1 |  |
| Operational | 21.1 |  |
| Price Plan | 21.1 |  |
| Reference Tables | 21.1 |  |
| Security Management | 2.1 |  |
| Switch | 21.1 |  |
| Workstation Configuration | 21.1 |  |
| Customer Hierarchy | 3.15 |  |
| PB Infra | 316 |  |
| Amdocs Document Designer (previously known as FBF) GUI | 7.1 |  |
| RBMS GUI | 5 |  |
| Client – Online applications | 21.1 |  |

**Server (UNIX)**

| Physical CC Version | Logical CC Version | Last Build Date |
| --- | --- | --- |
| 21.0 | 21.1 |  |

## Environment Changes

### Changes to Environment Variables

N/A

### Changes to Environment Structure

N/A

### Changes to Environment Configuration Files

#### Netcom

N/A

#### Telia

N/A

## CC Build Instructions

RCS Source Control uses ASLM 8.2(XtraC).

## Changes to Tuxedo

### Changes to Variables

#### Netcom

N/A

#### Telia

N/A

### Changes to Tuxedo Servers



## Changes to Citrix/INI Files

### Telia

N/A

## Database Changes

### Upgrade Database Patches

The following table describes the upgrade patches used for the test environments. PET/PROD environments were upgraded using a separate set of scripts.

Version 21.1 Patches:

| ID | Description | Affected Areas | Comments |
| --- | --- | --- | --- |
| 1 | Patch #1 7/1/14 | Ref |  |
|  |  |  |  |
|  |  |  |  |

### Data Model Changes



### Disk Structure

N/A

### Disk Space Requirements

N/A

## Data Changes

### Reference Database

The following sections contain embedded documents listing the BPT changes.

#### NetCom Reference Changes (BPTs)



#### Telia Reference Changes (BPTs)



### Application Database

#### Full Init Data Changes

##### Netcom Full Init Data Changes

N/A

##### Telia Full Init Data Changes

N/A

#### NetCom Application Data Patches

N/A

#### Telia Application Data Patches

N/A

### Security Database

N/A

### Operational Database

#### Netcom Operational Database

N/A

#### Telia Operational Database

N/A

### Domain Changes

| Attribute Name | Attribute Type and Length | Attribute Description | Constraints/ Valid Values | Read-only (Y/N) | Mandatory (Y/N) | Add/Deleted/ Updated |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |

## Job Definitions

The following table summarizes all of the operational jobs that are new or changed in this version.

### NetCom Job Details

N/A

### Telia Job Details

N/A

## Other Changes

### View Files in Online



Document Release Information

| Software Version | Editor | Edited Date | Comments | Sent to site | Approved By | Doc V |
| --- | --- | --- | --- | --- | --- | --- |
| 21.0 | Ashraf Abuleil | 16/09/13 | Initial Version |  |  | 1.0 |
|  |  |  |  |  |  |  |