North Carolina Department of Health and Human Services

Pat McCrory
Governor

Aldona Z. Wos, M.D.
Ambassador (Ret.)
Secretary DHHS

Adam Sholar
Legislative Counsel
Director of Government Affairs

April 1, 2014

SENT VIA ELECTRONIC MAIL

The Honorable Jason Saine, Co-Chairman
Joint Legislative Oversight
Committee on Information Technology
North Carolina General Assembly
300 N. Salisbury Street
Room 402, Legislative Office Building
Raleigh, NC 27603-5925

The Honorable Andrew C. Brock, Co-Chairman
Joint Legislative Oversight
Committee on Information Technology
North Carolina General Assembly
300 N. Salisbury Street
Room 521, Legislative Office Building
Raleigh, NC 27603-5925

Dear Senator Brock and Representative Saine:

Section 12A.5 of Session Law 2013-360 requires the Department of Health and Human Services to report, by no later than April 1, 2014, a plan to integrate the following systems with the North Carolina Financial Accountability and Compliance Technology System (NC FACTS):

- NCTracks, the replacement Medicaid Management Information System (MMIS)
- North Carolina Child Treatment Program (NC CTP) State-funded secure database
- North Carolina Families Accessing Services through Technology (NC FAST)

To date, representatives of the Office of MMIS Services, the Division of State Operated Healthcare Facilities, the NC Office of Families Accessing Services through Technology, and the NC Office of State Controller have conducted meetings to assess opportunities, within existing and potentially new resources, to meet all of the objectives outlined in the mandated integration plan. The current submission reports on the gathering of essential information to be used in the integration plan. The Department anticipates providing an update to the General Assembly by September 1, 2014.

If you have any questions or need additional information regarding this report, please contact Joe Cooper at (919) 855-3060.

Sincerely,

Adam Sholar

Cc: Joseph Cooper, Jr.   Susan Jacobs   Brandon Greife
        Jim Slate   Patricia Porter   Pam Kilpatrick
        Sarah Riser   Angeline Sligh   Kristi Huff
        Theresa Matula   Joyce Jones   Rod Davis
        Sarah Porper   Larry Yates   Karlynn O'Shaughnessy
        Kay Meyer   Angela Taylor   Dale Armstrong
        reports@ncleg.net

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<u>**SENT VIA ELECTRONIC MAIL**</u>

The Honorable Ralph Hise, Co-Chair
Joint Legislative Oversight Committee on
Health and Human Services
Room 1026, Legislative Building
Raleigh, NC 27603

The Honorable Justin Burr, Co-Chair
Joint Legislative Oversight Committee on
Health and Human Services
Room 307A, Legislative Office Building
Raleigh, NC 27603-5925

The Honorable Mark Hollo, Co-Chair
Joint Legislative Oversight Committee on
Health and Human Services
Room 639, Legislative Office Building
Raleigh, NC 27603-5925

Dear Senator Hise and Representatives Burr and Hollo:

Section 12A.5 of Session Law 2013-360 requires the Department of Health and Human Services to report, by no later than April 1, 2014, a plan to integrate the following systems with the North Carolina Financial Accountability and Compliance Technology System (NC FACTS):

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SL 2013-360, SECTION 12A.5 FRAUD DETECTION THROUGH THE NORTH CAROLINA FINANCIAL ACCOUNTABILITY AND COMPLIANCE TECHNOLOGY SYSTEM FOR THE JOINT LEGISLATIVE OVERSIGHT COMMITTEE ON HEALTH AND HUMAN SERVICES AND THE JOINT LEGISLATIVE OVERSIGHT COMMITTEE ON INFORMATION TECHNOLOGY

STATE OF NORTH CAROLINA
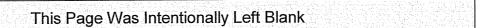
DEPARTMENT OF HEALTH AND HUMAN SERVICES

April 1, 2014

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A. INTRODUCTION

In July 2013, the NC General Assembly passed Session Law 2013-360, Senate Bill 402, "The Appropriations Act of 2013," of which Section 12A.5 required the Department of Health and Human Services to work with the Governmental Data Analytics Center (GDAC) to develop an integration plan to leverage the North Carolina Financial Accountability and Compliance Technology System (NC FACTS), which is the State's enterprise-level fraud detection system operated by GDAC, in an effort to detect and prevent potential fraud, waste, and improper payments. The Department was required to report a plan to integrate the systems listed in this section to the Joint Legislative Oversight Committee on Information Technology and the Joint Legislative Oversight Committee on Health and Human Services no later than April 1, 2014. According to the legislative mandate:

"The integration plan shall include a feasibility analysis, a proposed integration time line, and a cost estimate to integrate the following systems with NC FACTS:

(1) NCTracks, the replacement Medicaid Management Information System (MMIS).

(2) North Carolina Child Treatment Program (NC CTP) State-funded secure database.

(3) North Carolina Families Accessing Services through Technology (NC FAST).

The integration plan shall include opportunities to leverage existing data integration and analytics contracts and licenses for the purposes of optimizing cost effectiveness and generating greater efficiencies. The integration plan shall also include proposals for how to protect medical and other private information stored in the NCTracks, NC CTP, and NC FAST."

The Office of Medicaid Management Information System Services (OMMISS) currently manages NCTracks and the related Reporting and Analytics System. The Division of State Operated Healthcare Facilities (DSOHF), in partnership with the Division of Mental Health/Developmental Disabilities/Substance Abuse Services (DMH/DD/SAS), manages the NC CTP database of Child Treatment Program providers. The Office of NC Families Accessing Services through Technology (NC FAST) manages the NC FAST System. These agencies have conducted meetings to assess opportunities, within existing and potentially new resources, to meet all of the objectives outlined in the mandated integration plan. These have included the identification of existing and planned interfaces with NC FACTS, an inventory of existing software systems and other smaller software applications that may potentially be integrated with NC FACTS, Federal and State mandates related to Protected Health Information (PHI), and current methodologies within the Department directed toward fraud and abuse detection.

The Department anticipates updating the plan to the NC General Assembly by September 1, 2014.

B. EXISTING AND PLANNED INTERFACES WITH NC FACTS

1. OMMISS – NCTracks and Reporting and Analytics:

There are no existing or planned interfaces between NCTracks or the Reporting and Analytics System with the NC FACTS.

2. DSOHF and DMH/DD/SAS – NC CTP:

DMH/DD/SAS contracted with the third party vendor *Child and Family Health*, a non-profit organization, to develop and support a Child Treatment Program which would include a secure database of Child Treatment Program providers. This contract was signed in November 2013. The contract amendment supporting the computer system development was approved by DHHS on March 5, 2014. Neither the business requirements nor the database definition requirements have been developed by DMH/DD/SAS and its vendor to-date; therefore, there is no usable NC CTP computer program in place at this time.

Once fully developed, the database and exchange may allow CTP to use the technology to engage other entities/states in business arrangements as a trainer, roster creator, and ongoing clinician certifying entity for an array of evidence-based mental health treatments.

Currently, DMH/DD/SAS has not determined the external interfacing requirements for the new NC CTP system with NC FACTS. The business design will be done with the vendor over the next three to four months and the system design will follow that within two to three months. The NC CTP system is a third-party owned and hosted application. DMH/DD/SAS believes that a plan to integrate the system with NC FACTS may be accomplished by December 2014.

3. Office of NC Families Accessing Services Through Technology – NC FAST:

NC FAST plans to integrate with NC FACTS through an existing web service. NC FAST provides a Common Eligibility Web service that may be invoked by NC FACTS thru the NC FAST Enterprise Service Bus (ESB) to obtain eligibility data.

C. INVENTORY OF SOFTWARE

1. OMMISS:

a. **Replacement NC MMIS System (NCTracks):**

See Appendix A "Replacement MMIS Annual Inventory of Software"

b. **Reporting and Analytics:**

See Appendix B "Reporting and Analytics Inventory of Software"

2. **DSOHF and DMH/DD/SAS:**

As mentioned above, there is no usable NC CTP computer program in place at this time.

NC POP is a current database for NC-CTP trained clinicians and NC-CTP clinical trainers to store and exchange information. Clinicians will enter client-specific fidelity and outcome data into the database from their computer. This data, represented in the format of clinical indicators is converted by software into automated feedback/reports that are sent to clinicians. The indicators and the data exchange will allow CTP to train, monitor, and provide ongoing coaching to NC-CTP trained clinicians. Those clinicians that maintain adherence to specific fidelity and quality standards are included on a CTP-managed online public roster. Parents, managed care organizations and referring organizations can access the public roster to locate clinicians in their area of the state. Managed care organization can use this information to make decisions on offering enhanced rates to CTP trained clinicians or service provider agencies.

DMH/DD/SAS and DSOHF have over 300 software applications or systems, mostly in use in its State hospitals. These applications/systems are focused on patient safety or care. Ninety-five percent of claims paid for by Federal or State funding sources for client services, either in the Community or Facilities, are submitted to NCTracks for payment.

3. **Office of NC Families Accessing Services Through Technology:**

See Appendix C "NC FAST Inventory of Software"

D. FEDERAL AND STATE MANDATES REGARDING THE PROTECTION OF HEALTH INFORMATION

1. **Federal Statutes/Mandates:**

a. **42 CFR Part 2** – Confidentiality of Alcohol and Drug Abuse Patient Records

b. **42 CFR Part 51** – Requirements Applicable to the Protection and Advocacy for Individuals with Mental Illness Program, **Subpart D** – Access to Records, Facilities and Individuals

c. **45 CFR Parts 155, 156, and 157** – Establish privacy and security controls required for processing Exchange applicant information

d. **45 CFR Parts 160 and 164** – HIPAA Privacy, Security, including Recent Modifications for Enforcement, and Breach Notification Rules under the Health Information Technology for Economic and Clinical Health Act and the Genetic Information Nondiscrimination Act; Other Modifications to the HIPAA Rules; Final Rule

e. **42 CFR Part 431** – State Organization And General Administration, **Subpart F** – Safeguarding Information on Applicants and Recipients

f. **Social Security Administration, Office of Systems Security Operations Management** – Information System Security Guidelines for Federal, State and Local Agencies Receiving Electronic Information from the Social Security Administration

g. **Federal Information Security Management Act of 2002 (FISMA)** – The act requires each federal agency to develop, document, and implement an agency-wide program to provide information security and information systems that support the operations and assets of the agency, including those provided or managed by another agency, contractor, or other source.

h. **The Federal Fair and Accurate Credit Transactions (FACT) Act of 2003**; **sections 114 and 315**:
   1) Section 114 – requires each financial institution or creditor with covered accounts to develop and implement a written Identity Theft Prevention Program to detect, prevent, and mitigate identity theft in connection with the opening of certain accounts or certain existing accounts
   2) Section 315 – provides guidance regarding reasonable policies and procedures that a user of consumer reports must employ when a consumer reporting agency sends the user a notice of address discrepancy.

i. **The Federal Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99)** – The provisions of this act protect the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education.

j. **Health Information Technology for Economic and Clinical Health Act (HITECH Act)** – The provisions of the HITECH Act are specifically designed to work together to provide the necessary assistance and technical support to providers, enable coordination and alignment within and among states, establish connectivity to the public health community in case of emergencies, and assure

the workforce is properly trained and equipped to be meaningful users of certified Electronic Health Records.

2. **State Statutes/Mandates:**

   a. **GS14-113.20** – Identity Theft-Article 19C

   b. **GS75-2A** – Identity Theft Protection Act

   c. **GS90-21.20B** – Access to and Disclosure of Medical Information for Certain Purposes.

   d. **GS90** – Article 5 – North Carolina Controlled Substances Act – 109.1 – Treatment

   e. **GS410 - 412** – Article 29 – Medical Records

   f. **GS413.1- 413.8** – Article 29A – North Carolina Health Information Exchange Act

   g. **GS121- 5** – Public Records and Archives

   h. **GS122C** – Mental Health, Developmental Disabilities, and Substance Abuse Act of 1985

      1) Article 1 – General Provisions

      2) Article 3 – Clients' Rights and Advance Instruction

   i. **GS130A** – Public Health

      1) Article 1 – Definitions, General Provisions and Remedies – 15 Access to Information

      2) Article 2 – Local Administration – 45.8 Confidentiality of Patient Information

      3) Article 4 – Vital Statistics – 93 Access to Vital Records; copies

      4) Article 5 – Maternal and Child Health and Women's Health – 131.17 Confidentiality of Information; Research

      5) Article 6 – Communicable Diseases – 143 Confidentiality of Records

      6) Article 15 – State Center for Health Statistics – 374 Security of Health Data

      7) Article 22 – Bioterrorism – 476 Access to Health Information

   j. **GS 132** – Public Records – Article 56 - Emergency Medical Services Act of 1973 – 518 Confidentiality of Patient Information

   k. **GS 143B** – Department of Health and Human Services – 139.6 Confidentiality of Records

E. CURRENT METHODOLOGIES REGARDING FRAUD AND ABUSE DECTECTION

1. **OMMISS:**

   OMMISS manages, on behalf of the Division of Medical Assistance, Program Integrity Unit (DMA PI), Truven Health Analytics' JSURS and Advantage Suite software systems. These are application software components of the Reporting and Analytics data warehouse platform of NCTracks. These software components are a suite of user-friendly, claims-based, data mining software application designed to identify potentially fraudulent or abusive practices by both those who provide and receive healthcare services. JSURS is a federally-mandated provider claims fraud and abuse detection system.

2. **DSOHF and DMH/DD/SAS:**

   DMH/DD/SAS and DSOHF have no current fraud and abuse software or systems.

3. **Office of NC Families Accessing Services Through Technology:**

   a. NC FAST consolidates nineteen disparate legacy systems that collect, maintain and process information about applicants and recipients into one Global Case Management system, which helps to identify potential abuse. NC FAST supports the growing demands of economic benefits, child welfare, adult care and aging services, health care reform, and related changes in accountability to share and integrate information. Eliminating redundant client data entry and sharing evidence across programs within NC FAST helps to identify fraud. Additionally, automated integration with Social Security Administration for social security and citizenship verification, as well as integration to SAVE for Alien verification reduces fraud.

   b. NC FAST works closely with DMA Program Integrity (PI), whose mission is to ensure compliance, efficiency, and accountability within the N.C. Medicaid Program by detecting and preventing fraud, waste, program abuse, and by ensuring that Medicaid dollars are paid appropriately by implementing tort recoveries, pursuing recoupments, and identifying avenues for cost avoidance. In support of DMA PI's mission, NC FAST is also integrated with EPICS, the Enterprise Program Integrity Control System, which tracks over-issuances of benefits for Medicaid, Temporary Assistance for Needy Families (TANF) and Food and Nutrition Services.

   c. NC FAST is also integrated with Accuity's Asset Verification System (AVS) to ensure that Aged, Blind and Disabled (ABD) clients are not fraudulent in reporting their assets.

End of Report

APPENDIX A: REPLACEMENT MMIS ANNUAL INVENTORY OF SOFTWARE

Software Inventory Item
ShareNet
DocBuilder
X12 Testing Tool
Risk Manager
XQMF
EVC Web Application and Utilities
CSC NCMMIS F5 Single Sign-On (SSO) Rules Custom
DirectConnect
CSRT System for NC MMIS (Sharepoint)
Endevor Code (See "Endevor CONRPT03 2012-08-30.doc" attachment for details)
SAS Code (See "SAS Details" tab for details)
Subversion Code as of August 7, 2012 (See "Subversion Tab" for details)
Magellan RetroDUR
Alebra Technologies PDM for Mainframe zOS
ASG Monitor for CICS Transaction Server
ASG TMON for MVS
ASG Zebb
ASG Zeke
Attachmate Reflection Suite X 2011
Attachmate Web 2008 Enterprise Edition
Avaya 6.1.2 Aura Bndl Media
Avaya PBX Communication Manager 5.2.1
Avaya RTUAES 6.x BSC TSAPI RTU
Avaya RTUAES 6.x PLDS
Avaya SSU AES R.6x BSC TSAPI
BMC Extended Buffer Manager for DB2
CA 1 Tape Management {MVS}
CA Common Services for z/OS {MVS}
CA Easytrieve Plus Report Generator {MVS}
CA Easytrieve Plus Report Generator Option for DB2 {MVS}
CA Easytrieve Plus Report Generator Toolkit {MVS}
CA ehealth

Software Inventory Item
CA Endevor Software Change Manager {MVS}
CA Endevor Software Change Manager Automated Configuration Option {MVS}
CA Endevor Software Change Manager Extended Processors {MVS}
CA Endevor Software Change Manager Footprint Synchronization {MVS}
CA Endevor Software Change Manager Interface for External Security {MVS}
CA Endevor Software Change Manager Parallel Development Option {MVS}
CA Endevor Software Change Manager Quick Edit {MVS}
CA OPS/MVS Event MGMT and Automation CICS Operations Facility {MVS}
CA OPS/MVS Event MGMT and Automation MultiSystem Facility (MSF) {MVS}
CA OPS/MVS Event MGMT and Automation Option for JES2 {MVS}
CA Storage Resource Manager
CA Vantage Storage Resource Manager {MVS}
CA View Extended Retention Option {MVS}
CA View Output Archival and Viewing {MVS}
CA View Output Archival and Viewing Interface for Native TSO {MVS}
CA View Tape Viewing Option {MVS}
CA XCOM Data Transport {MVS}
CABATCH PROCESSOR {MVS}
CAMIM Resource Sharing {MVS}
CAONLINEREORG {MVS}
CAPAN/SQL (RDBII) {MVS}
Chicago Soft MF MVS/QuickRef
Chicago Soft MXS/QuickRef
Citrix Easy Xen App Adv 5.X
Citrix Xen App Enterprise
Comstor LMS 3.0 Windows
Data 21 MIPS200 (Zip390 Product)
Data 21 Zip/390
EMC Disaster Recovery SW (Brocade 300 DR SW)
EMC Disaster Recovery SW (CX4240 PSI SW)
EMC NAVI Manager for AX45
F5 BigIP 6900 Policy Manager
F5 BIGIP Addon Access Policy Manager
F5 FirePass AddOn Concurrent User
Hitachi ELA: USP Res Mgr Utly Package
IBM HTTP Analyzer Full Ed

Software Inventory Item
IBM Websphere Network Deployment
Innovation Data Processing ABR
Innovation Data Processing FATS/FATAR
Innovation Data Processing FDR with CPK
Innovation Data Processing FDRERASE z/OS
Innovation Data Processing FDRREORG
Innovation Data Processing Optim Growth
Innovation Data Processing Optim Test
Innovation Data Processing TADZ
JBoss Enterprise Application Platform with Management
MadCap Software Inc Analyzer Gold
MadCap Software Inc Analyzer V3
MadCap Software Inc Flare
MadCap Software Inc Flare Bronze
MadCap Software Inc Flare Platinum
MadCap Software Inc LIC Flare V.5 SW
ManageEngine ADSelfService Plus Prof Ed
McAfee Active Viruscan & AntiSpyware
McAfee Active Viruscan & AntiSpyware Gold
McAfee Active VirusScan MP
McAfee Epolicy Orchestrator Gold
McAfee ePolicy Orchestrator MP
McAfee Foundation Ent SW
McAfee SAAS Email Protection Gold
McAfee Secure Message
McAfee SmartFitler P:1 GL
McAfee TOPS Virtualization Gold
McAfee Total Protection Virtualization
McAfee Vulnerability Mgr Sftwe
MPKI for SSL Std Cert Units
MS GOLP Windows Server Standard 2008
MS GOLP ENT License
MS GOLP Opr Mgr Ent
MS Golp Opr Mgr Std
MS GOLP Perf Pont
MS GOLP Proj Svr 2007

Software Inventory Item
MS GOLP Sharepoint Internet 2007
MS GOLP SQL Server Standard Ed 2008 English
MS GOLP Sys Ctr Svr Mgmt
MS GOLP Veeam Management Site Plus
MS GOLP Window Svr Ent
MS GOLP Windows Svr Ent 2008
MS GOLP Windows Terminal Svr 2008
MS Project Pro 2007
MS Project Pro 2010
MS Sharepoint Ent CAL 2010 MP User
MS Sharepoint Internet Sites Ent 2010 SW
MS SQL CAL 2008 R2 User licenses
MS SQL Server Standard 2008
MS SQL Server Std 2008 SW
MS SQL Server Workgroup 2008
MS System Center Server Management DataCenter
MS System Center Server Management DataCenter Suite
MS Visio Pro 2007
MS Visio Pro 2010
MS Windows Server Datacenter 2008 R2
MS Windows Server SW
MS Windows Srvr Datcenter 2008 R2
MXG Software License
OpenTech Systems TapeCopy with VDR Software
Oracle Solaris Socket SW
Orion Network Monitoring SW
Pervasive End User Gold Mtce Data Integrator
Pervasive End User Silver
PK WARE
Rocket Software, Inc./Mainstar Catalog Recovery Plus
SAS AF
SAS Base
SAS FSP
Softek TDMF z/OS (aka Replicator)
Solaris x86 Platform Software
Sparx Ent Architect Pro

Software Inventory Item
Sparx Ent Architect Pro 7.x MP
Sparx Ent Architect Pro 8.x
Sunfire X64 License
Symantec - Netbackup Client Appl & dB Pack 6.5 Win
Symantec - Netbackup Ent Server 7.1 UNX
Symantec - Netbackup Ent Svr 7.0 UNX 1 Svr Tier 1
Symantec - Netbackup Opt Library Based Tape Drive 7.1
Symantec - Netbackup Opt Vault Base 7.1
Symantec - Netbackup Std Client 7.0 Xplat 1 Svr
Symantec - Netbackup Std Client 7.1
Symantec - Netbackup ENTERPRISE DISK 7.1 XPLAT 1 FRONT END TBYTE STD LIC REWARDS BAND A,
Symantec - Netbackup Enterprise Server 7.0 UNX 1 Server Tier 1 License
Symantec - Netbackup ENTERPRISE SERVER 7.1 UNX 1 SERVER TIER 1 STD LIC REWARDS BAND A,
Symantec - Netbackup OPTION LIBRARY BASED TAPE DRIVE 7.1 XPLAT 1 DRIVE STD LIC REWARDS BAND A,
Symantec - Netbackup OPTION SHARED STORAGE OPTION 7.1 XPLAT 1 DRIVE STD LIC REWARDS BAND A
Symantec - Netbackup OPTION VAULT BASE 7.1 XPLAT STD LIC REWARDS BAND A,
Symantec - Netbackup Server Ent Svr 6.5 UNX Tier 1
Symantec - Netbackup STANDARD CLIENT 7.1 XPLAT 1 SERVER STD LIC REWARDS BAND A,
Symantec - Netbackup Std Client Essential Rewards Band S
Syncsort+z/OS
SYSLOG NG Premium Edition Server 500 LSH
TechSmith Snagit 10
Tivoli Workload Scheduler
Unicenter CAInsight Performance Monitor for DB2 {MVS}
Unicenter CAJCLCheck Utility {MVS}
Unicenter DataBase Analyzer for DB2 {MVS}
Unicenter Detector for DB2 {MVS}
Unicenter Fast Load for DB2 {MVS}
Unicenter Fast Recover for DB2 {MVS}
Unicenter Fast Unload for DB2 {MVS}
Unicenter Index Expert for DB2 {MVS}
Unicenter LOG Analyzer for DB2 {MVS}
Unicenter LOG Compress for DB2 {MVS}

Software Inventory Item
Unicenter Merge/Modify for DB2 {MVS}
Unicenter Plan Analyzer for DB2 {MVS}
Unicenter Quick Copy for DB2 {MVS}
Unicenter Rapid Reorg for DB2 {MVS}
Unicenter RC/Compare for DB2 {MVS}
Unicenter RC/Extract for DB2 {MVS}
Unicenter RC/Migrator for DB2 {MVS}
Unicenter RC/Query for DB2 {MVS}
Unicenter RC/Update for DB2 {MVS}
Unicenter SubSystem Analyzer for DB2 {MVS}
Vanguard Administrator & Advisor
Veeam Mgmt Suite Plus for Vmware Tier A MP
Verisign Wildcard Certificates
VMware AppSpeed 25Pk
VMware Cloud Dir 25Pk
VMWare Infrastructure Foundation Process
VMWare Lab Manager 3 for 1 Proc
VMWare Platinum Level SND VCMS   MP
Vmware vCenter Application Discovery SW
VMWare vCenter AppSpeed 1 Proc ESD (EU)
VMWare vCenter Server 4 Stnd vSphere
VMWare vCenter Server Heartbeat for 1 VCenter
VMWare vCenter Site Recovery Manager 4.0 MP
VMware vCenter Svr 5 Std
VMWare Veeam Mgmt Ste Plus B RE C M
VMWare Virtual Ctr Mgmt
VMWare Vkernel Capacity Analyzer MP
VMWare VsPHERE 4 mp Enterprise Plus Cisco Nexus
Vmware vSphere 5 Ent Plus
VMWare vSphere Ent Plus 1 Proc Platinum
VMWare VSphere Ent Plus Cisco Nexus 1000V
VMware Workstation 8.x
VMWare Application Discovery Mgr Instance
VMWare Application Discovery Mgr Servers
VMWare vCenter
VMWare vsphere ENT PLUS Edition

Software Inventory Item
Wily Introscope CA Application Performance Management License
Zoho Corp ADSelfService Plus Prof Ed
SQL Server 2008 r2
Aspose Word .NET
Aspose PDF Toolkit .NET
Infragistics NetAdvantage ASP.NET
Windows 2008 Server
Adobe Acrobat Professional
JBoss Application Server Platform Open Source with Paid Maintenance)
XML Spy Professional
Calliber
CSC NCMMIS Provider Portal .NET Custom
CSC NCMMIS Java Web Applications Custom
CSC NCMMIS Web Services Custom
CSC NCMMIS Operations Portal Custom
Caliber Requirements Management
CSC NCMMIS SAS Reports Custom
SAS COTS Platform
CSC NCMMIS Pegasystems Rules / Applications Custom
Pegasystems COTS Platform
IBM Websphere Application Server Platfrom
IBM DB2 Connect
Microsoft SQL Server
Sentrion SendMail appliances
Microsoft Visual Studio
VMWare Virtual Server Platform
MadCap Flare Content Publishing
Magnolia Content Management Portal
Silk Software Test Management, Automation and Performance Testing
Ultra Edit Source Code / Text Editor
Skillport Training Portal
Syntellect CT Connect - CTI
White Mesa SOAP Connectivity - CTI
RightFax Fax Server
Microsoft SharePoint
3M Grouper/Pricer DRGs

Software Inventory Item
AUTORERUN MVS (ZEBB)
AUTOSYS/ZEKE MVS
The Monitor for CICS Transaction Server
TMON FOR MVS
JBoss Appl Platform, Premium Spt
XML Spy Prof
Avaya VoicePortal
BMC Config Mgr
EXTENDED BUFFER MANAGER for DB2
INTUNE
CaliberRM 2008, Concurrent License - (Borland)
CaliberRM DefineIT 2008, Concurrent BLS - (Borland)
1 Tape Management {MVS}
Automation Point
BATCH PROCESSOR {MVS}
Common Services for z/OS {MVS}
Easytrieve Plus Report Generator {MVS}
Easytrieve Plus Report Generator Option for DB2 {MVS}
Easytrieve Plus Report Generator Toolkit {MVS}
Endevor Change Manager
Endevor Software Change Manager {MVS}
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Erwin
MIM Resource Sharing {MVS}
Model Mart
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Storage Resource Manager {*}

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Unicenter Fast Unload for DB2 {MVS}
Unicenter Index Expert for DB2 {MVS}
Unicenter LOG Analyzer for DB2 {MVS}
Unicenter LOG Compress for DB2 {MVS}
Unicenter Merge/Modify for DB2 {MVS}
Unicenter Plan Analyzer for DB2 {MVS}
Unicenter Quick Copy for DB2 {MVS}
Unicenter Rapid Reorg for DB2 {MVS}
Unicenter RC/Compare for DB2 {MVS}
Unicenter RC/Extract for DB2 {MVS}
Unicenter RC/Migrator for DB2 {MVS}
Unicenter RC/Query for DB2 {MVS}
Unicenter RC/Update for DB2 {MVS}
Unicenter SubSystem Analyzer for DB2 {MVS}
Unicenter-Insight Performance Monitor for DB2 {MVS}
Unicenter-JCLCheck Utility {MVS}
Vantage Storage Resource Manager {MVS}
View Extended Retention Option {MVS}
View Output Archival and Viewing {MVS}
View Output Archival and Viewing Interface for Native TSO {MVS}
View Tape Viewing Option {MVS}
CA Application Performance Mgmt (SW Mtce)
XCOM Data Transport {MVS}
MVS/QUICK-REF
Medicare Code Editor
SOAPSonar Ent Standard Package
ViewOne Pro Base SW ViewOne Pro PDF Module ViewOne Pro Email Module ViewOne Pro Univ Viewing Mod (1-100 users)
ZIP390

Software Inventory Item
Disaster Recovery SW Brocade 300 DR SW CX4-240 PSI SW
Transform Exchange Server
Transform Remote Scan
Eclipse Plugin for Endeavor
AccRepair Subscription-annual
AccVerify Subscription-annual
150 Websphere Application Server - Network Deployment
D55W8LL - IPLA Websphere App Svr Val U Lic (EU,LN)
IBM -Debug Tool Utilities & AF
IBM -Fault Analyzer
IBM -File Manager
IBM alloc for SW factory & IBM variable workload
IBM DB2 Connect Ent
IBM Filenet Document Archive DART 1.x
IBM FILENET HIGH PERF IMAGE IMPORT SERVER LIC
IBM FileNet Image Mgr Active Ed
IBM Filenet Image Mgr Dedicated User Dev
IBM FILENET IMAGE SVCS NAMED USER LIC
IBM Filenet IS CONN to MSAR 1TB Lic
IBM Filenet Magnetic Storage and Retrieval
IBM FileNet Mid-Range Image Import Srvr
IBM FileNet P8 Base
IBM FILENET P8 BASE - PROFESSIONAL SVR PKG LIC
IBM FILENET P8 BASE -DEV SVR PKG LIC
IBM FILENET Web Services 4.x
IBM FILENET Web Services/IDM TOOLKIT DEVICE LIC
IBM FILETNET WEB SVCS NON-PROD SVR LIC
IBM Rational Developer Floating User for System z wd
IBM WebSphere App Srvr Dual
IBM WebSphere App Srvr Dual Thin Client
IBM WebSphere Application Server Network Deployment Processor Value Unit wd
IBM WEBSPHERE APPLICATION SERVER PROCESSOR VALUE UNIT (PVU) LICENSE + SUPPORT
IBM WebSphere Deployment Mgr

Software Inventory Item
Websphere App Svr Val U Lic w/Mnt (EU,LN)
WebSphere Application Svr Ntwrk Depl PVU MP LIC
AUTOMATIC BACKUP & RECOVERY (ABR) VERSION 5
FDR/CPK INCLUDES DSF
FDR/UPSTREAM/SOS
FDRREORG
Adobe TLPC 5.x Dreamweaver & DVD
CodeSmith Pro 5.X License & Spt
Enesys RS Data Extension - Group Edition
IBM Tivoli Directory Integrator
IBM Websphere Appl Server Lic SW Lic
McAfee Active VirusScan (SW Lic)
McAfee Foundation Ent SW Perpetual License
MS GOLP SQL Server Standard Ed 2008 English
MS GOLP SW Spt: Veeam Management Site
MS GOLP Windows Server Datacenter 2008
MS GOLP Windows Server Datacenter MS GOLP SharePoint Internet 2007
Sendmail Sentrio MPV 4.x User Lic
Standard Ed 4 CPU License Upgrade w/1yr Mtce
SysZ Host
Tracking Sku Visual Studio Pro
Vkernel Capacity Analyzer MP Perp Lic
Vmware Infra 3 Ent
VMWare SW Licenses
VMWare VirtualCenter Mngmnt Svr
VMWare vSphere 4 Ent Plus 1 Proc
Vmware vsphere 4 ent plus, Vcenter Server 4, Lab Mgr 4, Vcenter App Speed, Veeam Mgmt Suite Plus
VMWare VsPHERE 4 mp Enterprise Plus Cisco Nexus
VMWare vSphere Ent Plus 1 Proc Prod
DMZ Ent Server Basic Lic DMZ Windows/Java API Module Central Enterprise Primary Node Licral Ent Failover Node
Adrenaline Image Process Software
LISTCAT PLUS-MVS
FASTAUDIT/390 - CATALOG RECOVERY

Software Inventory Item
MCAFEE ACTIVE VIRUSSCAN MP 101-250U LIC
MFE Vlnrblty Mngr 1000 Appl
MFEVulnerabilityMg ThreatCorrelation
Vlnrblty Mngr hreatCrrltn, Rmdtn
MXG
Borland SilkPerformer 2008 Premium Virtual User Node Lic
Borland Silkperformer 2009 Add'l Components Sever Analysis Node
SilkCentral Test Mgr 2009
SilkTest 2008, NEW USER, Concurrent
Microsoft/Mselect Office SharePoint Server 2007 for Internet sites
MS Windows ENT server licenses
MS Windows Srvr 2003 ENT Ed
MS Windows Srvr 2003 STD Ed
MS Windows Srvr 2008 Ent Ed
MS Windows Srvr 2008 Ent Ed 64bit
MS Windows Srvr 2008 Stnd Ed
MSelect 2007 Office SharePoint Srvr
MSelect Office Forms Srvr 2007
Mselect PerformancePoint CAL 2007
Mselect Visual Studio Team Suite MP
TapeCopy with VDR Software.
Data Integrator Univ Ed Design Studio for Windows
Data Integrator Univ Ed Eng for Win, QA Test SW
Data Integrator Universal Edition Design Studio for Windows
Data Integrator Universal Edition Engine For Windows, QA Test Software Pricing
Pervasive Business Integrator Pro Developer Seat
Pervasive Business Integrator Pro Runtime Engine
Pervasive Data Integrator SDK
Pervasive Data Integrator Universal Edition Engine Windows Licenses
PKZIP MVS BASE
SAS Data Quality Client Components
SAS Enter Data Integ Svr Sftw SAS/STAT SAS Enterprise Guide
SAS Enterprise Data Integration Clients
SAS Enterprise Data Integration Server

Software Inventory Item
SAS Enterprise Guide
SAS INSTITUTE -   SAS IT Resource Management
SAS INSTITUTE - BASE SAS
SAS Platform Suite SW License
SAS/STAT
CopybookMapper for XML Schema License
SkillPort (w/ Virtual Classroom) Instructor-Led Training Module Dialogue Design (5 Developers) Active Hosting (w/Publisher) 5 courses
Eight Channel RightFax Enterprise Server Licenses
Open Text Developer Network SW
TDMF
Sparx Ent Architect Pro 7.x MP
Veritas Netbackup Server Ent Svr 6.5 UNX Tier 1 License
Integration Testing Licenses UA Licenses String Testing Licenses HW Key USB
Licenses - CT Connect 7.5 Sartup bundle (Windows)
ADMINISTRATOR (VRA)
ADVISOR (VSR)
Wildcard Certificates
Softphones
BARR/Web Interface BARR Web Users (5)
BEPS - BARR Enterprise Print Server SW BARR RJE BARR Extender Link - IP Connection
ADSelfService Plus STD Ed Subscription
Cruise Control .NET
Subversion Source Code Version Control Repository ·
Sendmail Email Server
Jquery JavaScript Library
Apache Struts 2 Java Web Application Development Framework
Java Platform (Oracle Java Platform Products)
SoapUI

Software Inventory Item
Hudson Continuous Integration
Junit Testing Framework
MIPS v1.0
MIPS v2.0
Pega Systems - Pega Rules Process Commander (PRPC) V5.5 SP1
IBM - WebSphere - Version 7.0.0.21
Windows Server-- Windows server 2008 R2
Pega DB2 Database schema -- PEGAIDTO in NCG0 subsystem

Source: NC MMIS_Annual Inventory_WPDT01_March 2014.xls

End of Appendix A

APPENDIX B: REPORTING AND ANALYTICS INVENTORY OF SOFTWARE

Software Inventory Item
Advantage Suite
Oracle Exadata
IBM InfoSphere DataStage
IBM InfoSphere Metadata Workbench
DxCG Models
J-SURS – Advanced Analytics
J-SURS – Report Generator
CareAnalyzer
ArcGIS
SAS Business Intelligence (BI) Tools
SAS ID Portal (One of the SAS BI Tools)
SAS Web Report Studio (One of the SAS BI Tools)
SAS Enterprise Guide
SAS Analytics
SAS Enterprise Miner
SAS Metadata Services

Software Inventory Item
SAS Business Intelligence Dashboard
SAS Information Map Studio
SAS Management Console
IBM Cognos Business Intelligence Suite
Cognos Report Studio
Cognos Query Studio
SAS/ACCESS Interface to MySQL
SAS/ACCESS Interface to ORACLE
SAS Enterprise BI Server
Credit Scoring for SAS Enterprise Miner
SAS Data Quality Server
Enterprise Guide
SAS Enterprise Miner Server
SAS Data Integration Enterprise Server
SAS/ETS
SAS Financial Crimes Monitor Server
SAS Forecast Server
SAS Fraud Framework for Government
SAS Metadata Server
SAS Metadata Bridges for CA
SAS Metadata Bridge for IBM WebSphere DataStage
SAS Model Manager Server
SAS/OR
SAS/QC

Software Inventory Item
Quality Knowledge Base Locale, English (USA)
Base SAS
SAS Social Network Analysis Server
SAS/STAT
SAS Text Miner Server
DataFlux Integration Server for SAS
DataFlux Quality Knowledge Base Locale, English USA
DataFlux Integration Server Profile
DataFlux Integration Server Quality
Credit Scoring for SAS Enterprise Miner
SAS Enterprise Miner Client
SAS Model Manager Report Registration Client
Base SAS
SAS Text Miner Client
dfPower Customize
dfPower Explorer
dfPower Quality
dfPower Profile
DataFlux Quality Knowledge Base Locale, English USA
dfPower Studio for SAS
Credit Scoring for SAS Enterprise Miner
SAS Enterprise Miner Client
SAS Model Manager Report Registration Client
Base SAS
SAS Text Miner Client

Software Inventory Item
DataFlux Data Management QKB Locale, English USA
DataFlux Data Management Server Entity Resolution
DataFlux Data Management Server Integration
DataFlux Data Management Server Profile
DataFlux Data Management Server Quality
DataFlux Data Management Server Platform for SAS
DataFlux Authentication Server for SAS
DataFlux Data Management QKB Locale, English USA
DataFlux Data Management Studio Customize
DataFlux Data Management Studio Entity Resolution
DataFlux Data Management Studio Exploration
DataFlux Data Management Studio Integration
DataFlux Data Management Studio Profile
DataFlux Data Management Studio Quality
DataFlux Data Management Studio Platform for SAS
JMP Pro
MS SQL Server 2008
IBM Metadata Workbench Authorized User License + SW Subscription & Support 12 Months
DataStage 8.5
Exadata - 1/4 rack
Redhat - OS
Windows - OS

Source: CDRL-6 Software Deliverables (RA CDRL-6_Software_Deliverables_V1.2_20130401.docx)

End of Appendix B

APPENDIX C: NC FAST INVENTORY OF SOFTWARE

Software Inventory Item
IBM WebSphere Application Server
IBM WebSphere ESB (Message Broker)
IBM FileNet Content Manager
IBM Enterprise Records Add-on
IBM Content Collector
IBM DataCap Taskmaster Capture
Oracle Diagnostic Pack
Oracle Change Management
Oracle Database Enterprise Edition
Oracle Tuning Pack
Oracle Data Masking
Oracle Advanced Security
Oracle Configuration management
Oracle Data Integrator Enterprise
Oracle Data Guard
Splunk
JIRA
Altova Authentic Browser Edition 2013
IBM Curam Universal Access Benefit App Add-On
IBM Curam Universal Access Human Services Screening Add-On
IBM Curam Provider Management

Software Inventory Item
IBM Curam BIA
IBM Curam Appeals
IBM Curam Outcome Management
IBM Curam Income Support
IBM Curam BIA Reports for IS
IBM Curam IS Screening
IBM Curam SPM Platform
IBM Curam Universal Access
IBM FTE
TeamCity Enterprise Server
HP BSM
HP Sitescope
Adobe RoboHelp
IBM Curam Universal Access Benefit App Add-On

Source: NC FAST Licenses.xlsx

End of Appendix C