

Protogate Freeway® Software Version Description (SVD)

DC 900-2023B

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Protogate Freeway® Software Version Description (SVD): DC 900-2023B

by Protogate, Inc.

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This Software Version Description (SVD) identifies the version information of a specific release of the Protogate Freeway® software.

The latest version of this document is always available, in a variety of formats and compression options, from the Protogate World Wide Web server (<http://www.protogate.com/support/manuals>).

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Table of Contents

Preface	v
Purpose of Document.....	v
Intended Audience.....	v
Organization of Document.....	v
Protogate References.....	v
Document Conventions.....	viii
Revision History.....	viii
Customer Support.....	viii
1. Scope	9
1.1. Identification.....	9
1.2. System Overview.....	9
1.3. Document Overview.....	9
2. Reference Documents	10
3. Version Description	11
3.1. Inventory of Materials Released.....	11
3.2. Inventory of Software Contents.....	11
3.3. Changes Installed	18
3.4. Adaptation Data.....	18
3.5. Related Documents	18
3.6. Installation Instructions.....	18
3.7. Possible Problems and Known Errors	18
4. Notes	19
Index	20
Colophon	21

List of Tables

1. Revision History	viii
1-1. Freeway Version	9
2-1. Referenced Documents.....	10
3-1. Freeway CD Media Version.....	11
3-2. Software Inventory (Base Software).....	11
3-3. Software Inventory (Added Packages)	11
4-1. Acronym definitions	19

Preface

Purpose of Document

This Software Version Description (SVD) identifies the version information of a specific release of the Protogate Freeway® software.

Intended Audience

This document should be read by anyone who needs version information about a Protogate Freeway software release.

Organization of Document

This document is organized into the following major sections:

Chapter 1

is an overview of this document and of the Protogate Freeway software.

Chapter 2

is a list of other documents referenced by this document.

Chapter 3

describes the Freeway software version.

Chapter 4

includes general information to aid in understanding this document.

Protogate References

The following general product documentation list is provided to familiarize you with the available Protogate Freeway and embedded ICP products. Most of these documents are available on-line at Protogate's website (<http://www.protogate.com/>). Additional information about documents which are specifically referenced by this Software Version Description (SVD) are in Chapter 2 of this document.

General Product Overview Documents

Freeway 1100 Technical Overview

25-000-0419

Freeway 2000/4000/8800 Technical Overview

25-000-0374

ICP2432 Technical Overview	25-000-0420
ICP6000X Technical Overview	25-000-0522

Hardware Support Documents

Freeway 500 Hardware Installation Guide	DC-900-2000
Freeway 1100/1150 Hardware Installation Guide	DC-900-1370
Freeway 1200/1300 Hardware Installation Guide	DC-900-1537
Freeway 2000/4000 Hardware Installation Guide	DC-900-1331
Freeway 8800 Hardware Installation Guide	DC-900-1553
Freeway 3100 Hardware Installation Guide	DC-900-2002
Freeway 3200 Hardware Installation Guide	DC-900-2003
Freeway 3400 Hardware Installation Guide	DC-900-2004
Freeway 3600 Hardware Installation Guide	DC-900-2005
Freeway 3110 Hardware Installation Guide	DC-900-2012
Freeway 3210 Hardware Installation Guide	DC-900-2013
Freeway 3410 Hardware Installation Guide	DC-900-2014
Freeway 3610 Hardware Installation Guide	DC-900-2015
Freeway 3112 Hardware Installation Guide	DC-900-2016
Freeway 3212 Hardware Installation Guide	DC-900-2017
Freeway 3412 Hardware Installation Guide	DC-900-2018
Freeway 3612 Hardware Installation Guide	DC-900-2019
Freeway 3114 Hardware Installation Guide	DC-900-2026
Freeway 3214 Hardware Installation Guide	DC-900-2027
Freeway 3414 Hardware Installation Guide	DC-900-2028
Freeway ICP6000R/ICP6000X Hardware Description	DC-900-1020
ICP6000(X)/ICP9000(X) Hardware Description and Theory of Operation	DC-900-0408
ICP2424 Hardware Description and Theory of Operation	DC-900-1328
ICP2432 Hardware Description and Theory of Operation	DC-900-1501
ICP2432 Electrical Interfaces (Addendum to DC-900-1501)	DC-900-1566
ICP2432 Hardware Installation Guide	DC-900-1502
ICP2432B Hardware Installation Guide	DC-900-2009

Freeway Software Installation and Configuration Support Documents

Freeway User Guide	DC-900-1333
Freeway Loopback Test Procedures	DC-900-1533
Freeway Release Addendum: Client Platforms	DC-900-1555
Freeway Message Switch User Guide	DC-900-1588
Freeway Software Requirements Specification (SRS)	DC-900-2021

Freeway Ports, Protocols, and Services (PPS)	DC-900-2022
Freeway Software Version Description (SVD)	DC-900-2023
Freeway Lifecycle Support Plan (LSP)	DC-900-2024
Freeway Security Features User's Guide (SFUG)	DC-908-3004
Freeway Security Target (ST)	DC-908-3005

Embedded ICP Software Installation and Programming Support Documents

ICP2432 User Guide for Digital UNIX	DC-900-1513
ICP2432 User Guide for OpenVMS Alpha	DC-900-1511
ICP2432 User Guide for OpenVMS Alpha (DLITE Interface)	DC-900-1516
ICP2432 User Guide for Solaris STREAMS	DC-900-1512
ICP2432 User Guide for Windows NT	DC-900-1510
ICP2432 User Guide for Windows NT (DLITE Interface)	DC-900-1514

Application Program Interface (API) Programming Support Documents

Freeway Data Link Interface Reference Guide	DC-900-1385
Freeway Transport Subsystem Interface Reference Guide	DC-900-1386
QIO/SQIO API Reference Guide	DC-900-1355

Socket Interface Programming Support Documents

Freeway Client-Server Interface Control Document	DC-900-1303
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Toolkit Programming Support Documents

Freeway Server-Resident Application (SRA) Programmer Guide	DC-900-1325
OS/Impact Programmer Guide	DC-900-1030
Freeway OS/Protogate Programmer's Guide	DC-900-2008
Protocol Software Toolkit Programmer Guide	DC-900-1338
Protocol Software Toolkit Programmer's Guide (ICP2432B)	DC-900-2007

Protocol Support Documents

ADCCP NRM Programmer Guide	DC-900-1317
Asynchronous Wire Service (AWS) Programmer Guide	DC-900-1324
AUTODIN Programmer Guide	DC-908-1558
Bit-Stream Protocol Programmer Guide	DC-900-1574
BSC Programmer Guide	DC-900-1340
BSCDEMO User Guide	DC-900-1349

BSCTRAN Programmer Guide	DC-900-1406
DDCMP Programmer Guide	DC-900-1343
Military/Government Protocols Programmer Guide	DC-900-1602
N/SP-STD-1200B Programmer Guide	DC-908-1359
NASCOM Programmer's Guide	DC-900-2010
SIO STD-1300 Programmer Guide	DC-908-1559
TIMI Programmer's Guide	DC-900-2011
X.25 Call Service API Guide	DC-900-1392
X.25/HDLC Configuration Guide	DC-900-1345
X.25 Low-Level Interface	DC-900-1307

Document Conventions

In this document, the term "Freeway" refers to the Freeway software, regardless of which type of Freeway chassis it is running on.

Revision History

The revision history of the Freeway Software Version Description (SVD), Protogate document DC 900-2023, is recorded below:

Table 1. Revision History

Revision	Release Date	Description
DC 900-2023A	October, 2013	Initial Release
DC 900-2023B	September, 2015	Updated for Freeway 7.1-2

Customer Support

If you are having trouble with any Protogate product, call us at 1-858-451-0865 (U.S.) Monday through Friday between 8 a.m. and 5 p.m. Pacific time. You can also fax your questions to us at (858) 451-2865 or (877) 473-0190 any time. Please include a cover sheet addressed to "Customer Service." We are always interested in suggestions for improving our products. You can use the report form in the back of this manual to send us your recommendations.

Chapter 1. Scope

1.1. Identification

This document describes the version of the Protogate Freeway® software shown in table Table 1-1.

Table 1-1. Freeway Version

Part Number:	SP-902-0002
Freeway Release:	7.1-2
CD Release:	BN-A
Release Date:	06 August, 2015

1.2. System Overview

The Protogate Freeway is a data communication system which connects one or more serial-link channels (Wide-Area-Network, or WAN channels) of various types to one or more IP (Internet Protocol) networks. The Freeway acts as a gateway, providing WAN channel access to clients on the IP network.

The Protogate Freeway software is the comprehensive software suite which runs on all Freeways and completely controls them. The Freeway software is based on the FreeBSD operating system, and has been modified to control one or more Protogate Intelligent Communications Processor (ICP) boards. ICP boards are Protogate-manufactured boards which can be installed into a Freeway chassis, plugged into one or more serial-link channels, and configured to implement a data communications protocol.

1.3. Document Overview

This document describes the version information of a specific release of the Freeway software. This document is not sensitive or private, and may be disseminated as widely as desired, with no restrictions.

Chapter 2. Reference Documents

A full list of Protogate documents is in the Preface Section of this document.

Documents referenced by this Software Version Description (SVD) are listed in Table 2-1.

Table 2-1. Referenced Documents

Number	Title	Revision	Date
DI-IPSC-81442A	Data Item Description (DID): Software Version Description (SVD)	A	11 Jan, 2000
DC-900-1333	Freeway User's Guide	Q	Sep, 2013

Chapter 3. Version Description

3.1. Inventory of Materials Released

All of the SP-902-0002 Freeway software is delivered on a single CD. The version of that CD which this Software Version Description (SVD) describes is shown in table Table 3-1.

Table 3-1. Freeway CD Media Version

Part Number:	SP-902-0002
Freeway Release:	7.1-2
CD Release:	BN-A
Release Date:	06 August, 2015

3.2. Inventory of Software Contents

The software components installed onto a Freeway by a version BN-A CD are listed in tables Table 3-2 and Table 3-3.

Table 3-2. Software Inventory (Base Software)

Name - Version	Description
10-Stable, 04 Jul, 2015 10:00 AM GMT	FreeBSD Operating System
Freeway 7.1-2	Protogate Freeway software
OS/Protogate 1.3-6	ICP board kernel
OS/Impact 3.7-3	Legacy ICP board kernel
Protocol Toolkit 5.1-1	ICP board test protocol

Table 3-3. Software Inventory (Added Packages)

Name - Version	Description
GeoIP-1.6.5_2	Find the country that any IP address or hostname originates from
adns-1.5.0	Easy to use asynchronous-capable DNS client library and utilities
adwaita-icon-theme-3.14.0_1	GNOME Symbolic Icons
apache24-2.4.12	Version 2.4.x of Apache web server
apr-1.5.2.1.5.4	Apache Portability Library
arc-5.21p	Create & extract files from DOS .ARC files
arj-3.10.22_4	Open source implementation of the ARJ archiver

Name - Version	Description
at-spi2-atk-2.14.1	Assisted Technology Provider module for GTK+
at-spi2-core-2.14.1	Assistive Technology Service Provider Interface
atk-2.14.0	GNOME accessibility toolkit (ATK)
autoconf-2.69	Automatically configure source code on many Un*x platforms
autoconf-wrapper-20131203	Wrapper script for GNU autoconf
automake-1.15	GNU Standards-compliant Makefile generator
automake-wrapper-20131203	Wrapper script for GNU automake
bdftopcf-1.0.5	Convert X font from BDF to PCF
bigreqsproto-1.1.2	BigReqs extension headers
bison-2.7.1,1	Parser generator from FSF, (mostly) compatible with Yacc
boehm-gc-7.4.2_3	Garbage collection and memory leak detection for C and C++
bsdftpd-ssl-1.1.0_4	Secure FTP client/server with TLS/SSL support
ca_root_nss-3.19.1_1	Root certificate bundle from the Mozilla Project
cairo-1.12.18_1,2	Vector graphics library with cross-device output support
cdrtools-3.00_2	CD/DVD/BluRay and ISO-9660 image creation and extraction tools
clamav-0.98.7	Command line virus scanner written entirely in C
cmake-3.2.3_1	Cross-platform Makefile generator
cmake-modules-3.2.3	Modules and Templates for CMake
colord-1.2.4_1	Manage color profiles to accurately color input/output devices
compositeproto-0.4.2	Composite extension headers
cups-client-2.0.3_2	Common UNIX Printing System: Library cups
curl-7.43.0_2	Non-interactive tool to get files from FTP, GOPHER, HTTP(S) servers
cvs-1.20120905_4	Version control system
cyrus-sasl-2.1.26_9	RFC 2222 SASL (Simple Authentication and Security Layer)
damageproto-1.2.1	Damage extension headers
db48-4.8.30.0_2	The Berkeley DB package, revision 4.8
db5-5.3.28_2	The Oracle Berkeley DB, revision 5.3
dbus-1.8.16	Message bus system for inter-application communication
dejavu-2.35	Bitstream Vera Fonts clone with a wider range of characters
dialog4ports-0.1.5_2	Console Interface to configure ports
docbook-1.5	Meta-port for the different versions of the DocBook DTD
docbook-sgml-4.5_1	DocBook SGML DTD
docbook-xml-5.0_3	DocBook XML DTD
docbook-xsl-1.76.1_2	XSL DocBook stylesheets
dvd+rw-tools-7.1_1	DVD burning software
encodings-1.0.4_3,1	X.Org Encoding fonts
expat-2.1.0_2	XML 1.0 parser written in C
expect-5.45_1	Sophisticated scripter based on Tcl/Tk

Name - Version	Description
fixesproto-5.0	Fixes extension headers
font-bh-ttf-1.0.3_3	X.Org Bigelow & Holmes TTF font
font-misc-ethiopic-1.0.3_3	X.Org miscellaneous Ethiopic font
font-misc-meltho-1.0.3_3	X.Org miscellaneous Meltho font
font-util-1.3.1	Create an index of X font files in a directory
fontcacheproto-0.1.3	Fontcache extension headers
fontconfig-2.11.1,1	XML-based font configuration API for X Windows
fontspROTO-2.1.2,1	Fonts extension headers
freetype2-2.6	Free and portable TrueType font rendering engine
gdbm-1.11_2	GNU database manager
gdk-pixbuf2-2.31.2_1	Graphic library for GTK+
getopt-1.1.6	Replacement for getopt(1) that supports GNU-style long options
gettext-0.19.4	GNU gettext meta package
gettext-runtime-0.19.4	GNU gettext runtime libraries and programs
gettext-tools-0.19.4	GNU gettext development and translation tools
glib-2.42.2	Some useful routines of C programming (current stable version)
gmake-4.1_2	GNU version of 'make' utility
gmake-lite-4.1_1	Minimalist version of gnu make
gmp-5.1.3_2	Free library for arbitrary precision arithmetic
gnome_subr-1.0	Common startup and shutdown subroutines used by GNOME scripts
gnutls-3.3.15	GNU Transport Layer Security library
gobject-introspection-1.42.0	Generate interface introspection data for GObject libraries
graphite2-1.2.4	Rendering capabilities for complex non-Roman writing systems
gtk-update-icon-cache-2.24.27	Gtk-update-icon-cache utility from the Gtk+ toolkit
gtk3-3.14.12	Gimp Toolkit for X11 GUI (current stable version)
harfbuzz-0.9.41	OpenType text shaping engine
help2man-1.43.3_1	Automatically generating simple manual pages from program output
hicolor-icon-theme-0.14	High-color icon theme shell from the FreeDesktop project
icu-55.1	International Components for Unicode (from IBM)
indexinfo-0.2.3	Utility to regenerate the GNU info page index
inputproto-2.3.1	Input extension headers
intltool-0.50.2_1	Tools to internationalize various kinds of data files
iso8879-1986_3	Character entity sets from ISO 8879:1986 (SGML)
jasper-1.900.1_14	Implementation of the codec specified in the JPEG-2000 standard
jbigkit-2.1_1	Lossless compression for bi-level images such as scanned pages, faxes
jpeg-8_6	IJG's jpeg compression utilities
jsoncpp-0.6.0.r2_2	JSON reader and writer library for C++
kbproto-1.0.6	KB extension headers

Name - Version	Description
lcms2-2.7	Accurate, fast, and small-footprint color management engine
lha-1.14i_6	Archive files using LZSS and Huffman compression (.lzh files)
libICE-1.0.9_1,1	Inter Client Exchange library for X11
libSM-1.2.2_3,1	Session Management library for X11
libX11-1.6.2_3,1	X11 library
libXScrnSaver-1.2.2_3	The XScrnSaver library
libXau-1.0.8_3	Authentication Protocol library for X11
libXaw-1.0.12_3,2	X Athena Widgets library
libXcomposite-0.4.4_3,1	X Composite extension library
libXcursor-1.1.14_3	X client-side cursor loading library
libXdamage-1.1.4_3	X Damage extension library
libXdmcp-1.1.2	X Display Manager Control Protocol library
libXext-1.3.3_1,1	X11 Extension library
libXfixes-5.0.1_3	X Fixes extension library
libXfont-1.4.9,2	X font library
libXfontcache-1.0.5_3	The Xfontcache library
libXft-2.3.2_1	Client-sided font API for X applications
libXi-1.7.4_1,1	X Input extension library
libXinerama-1.1.3_3,1	X11 Xinerama library
libXmu-1.1.2_3,1	X Miscellaneous Utilities libraries
libXp-1.0.3,1	X print library
libXpm-3.5.11_4	X Pixmap library
libXrandr-1.4.2_3	X Resize and Rotate extension library
libXrender-0.9.8_3	X Render extension library
libXt-1.1.4_3,1	X Toolkit library
libXtst-1.2.2_3	X Test extension
libatomic_ops-7.4.0_1	Atomic operations access library
libcheck-0.9.14	Unit test framework for C
libedit-3.1.20150325_1	Command line editor library
libevent2-2.0.22_1	API for executing callback functions on events or timeouts
libffi-3.2.1	Foreign Function Interface
libfontenc-1.1.2_3	The fontenc Library
libgcrypt-1.6.3	General purpose crypto library based on code used in GnuPG
libgpg-error-1.19_1	Common error values for all GnuPG components
libiconv-1.14_8	Character set conversion library
libidn-1.29	Internationalized Domain Names command line tool
libltdl-2.4.6	System independent dlopen wrapper
libpaper-1.1.24.4	Library providing routines for paper size management

Name - Version	Description
libpthread-stubs-0.3_6	This library provides weak aliases for pthread functions
libsmi-0.4.8_1	Library to access SMI MIB information
libtasn1-4.5_1	ASN.1 structure parser library
libtool-2.4.6	Generic shared library support script
libxcb-1.11_1	The X protocol C-language Binding (XCB) library
libxml2-2.9.2_3	XML parser library for GNOME
libxslt-1.1.28_7	The XSLT C library for GNOME
libyaml-0.1.6_2	YAML 1.1 parser and emitter written in C
luit-1.1.1	Locale and ISO 2022 support for Unicode terminals
lynx-2.8.8.2_2,1	Non-graphical, text-based World-Wide Web client
m4-1.4.17_1,1	GNU m4
mDNSResponder-567	Bonjour (zero-configuration networking) by Apple
mkfontdir-1.0.7	Create an index of X font files in a directory
mkfontscale-1.1.2	Creates an index of scalable font files for X
mod_php56-5.6.10	PHP Scripting Language
mpc-1.0.3	Library of complex numbers with arbitrarily high precision
mpfr-3.1.2_2	Library for multiple-precision floating-point computations
mysql2pgsql-1.2,1	Convert a MySQL dump to a PostgreSQL dump
net-snmp-5.7.3_7	Extendable SNMP implementation
nettle-2.7.1	Low-level cryptographic library
ntp-4.2.8p3	The Network Time Protocol Distribution
openldap-client-2.4.41	Open source LDAP client implementation
openldap-server-2.4.41	Open source LDAP server implementation
p11-kit-0.23.1	Library for loading and enumerating of PKCS#11 modules
p5-DBI-1.633_1	Perl5 Database Interface, required for DBD::* modules
p5-Data-ShowTable-4.6_1	Perl5 module to pretty-print arrays of data
p5-Locale-gettext-1.05_4	Message handling functions
p5-XML-Parser-2.44	Perl extension interface to James Clark's XML parser, expat
pam_ldap-1.8.6_3	Pam module for authenticating with LDAP
pango-1.36.8_1	Open-source framework for the layout and rendering of i18n text
pcre-8.37_1	Perl Compatible Regular Expressions library
perl5-5.20.2_5	Practical Extraction and Report Language
php56-5.6.10	PHP Scripting Language
php56-dom-5.6.10	The dom shared extension for php
php56-gd-5.6.10	The gd shared extension for php
php56-pgsql-5.6.10	The pgsql shared extension for php
php56-session-5.6.10	The session shared extension for php
php56-simplexml-5.6.10	The simplexml shared extension for php

Name - Version	Description
php56-sockets-5.6.10	The sockets shared extension for php
pixmap-0.32.6_1	Low-level pixel manipulation library
pkg-1.5.4	Package manager
pkgconf-0.9.11	Utility to help to configure compiler and linker flags
png-1.6.17	Library for manipulating PNG images
polkit-0.105_5	Framework for controlling access to system-wide components
portupgrade-2.4.14,2	FreeBSD ports/packages administration and management tool suite
postgresql-libpqxx-4.0.1_1	New C++ interface for PostgreSQL
postgresql94-client-9.4.4	PostgreSQL database (client)
postgresql94-server-9.4.4	The most advanced open-source database available anywhere
printproto-1.0.5	Print extension headers
py27-Babel-1.3_2	Collection of tools for internationalizing Python applications
py27-Jinja2-2.7.3	Fast and easy to use stand-alone template engine
py27-MarkupSafe-0.23	Implements a XML/HTML/XHTML Markup safe string for Python
py27-docutils-0.12	Python Documentation Utilities
py27-pygments-2.0.2	Syntax highlighter written in Python
py27-pytz-2014.10.1	World Timezone Definitions for Python
py27-setuptools-17.0	Python packages installer
py27-sphinx-1.2.3	Python documentation generator
python-2.7_2,2	The "meta-port" for the default version of Python interpreter
python2-2_3	The "meta-port" for version 2 of the Python interpreter
python27-2.7.10	Interpreted object-oriented programming language
randrproto-1.4.1	Randr extension headers
readline-6.3.8	Library for editing command lines as they are typed
recordproto-1.14.2	RECORD extension headers
renderproto-0.11.1	RenderProto protocol headers
rsync-3.1.1_3	Network file distribution/synchronization utility
ruby-2.1.6,1	Object-oriented interpreted scripting language
ruby21-bdb-0.6.6_4	Ruby interface to Oracle Berkeley DB revision 2 or later
scons-2.3.0_1	Build tool alternative to make
scrnsaverproto-1.2.2	ScrnSaver extension headers
sdocbook-xml-1.1_1,2	"Simplified" DocBook XML DTD
serf-1.3.8	Serf HTTP client library
shared-mime-info-1.1_1	MIME types database from the freedesktop.org project
shc-3.8.9_1	Generic script compiler
sqlite3-3.8.10.2	SQL database engine in a C library
subversion-1.8.13_2	Version control system
sudo-1.8.13	Allow others to run commands as root

Name - Version	Description
t1lib-5.1.2_4,1	Type 1 font rasterization library for Unix/X11
tcl86-8.6.4	Tool Command Language
tcpslice-20140407	Tool for extracting portions of pcap files
tiff-4.0.4	Tools and library routines for working with TIFF images
tk-wrapper-1.1_2	Shell wrapper for wish (Tk)
tk86-8.6.4	Graphical toolkit for Tcl
tkcvs-8.2.3	Tcl/Tk frontends to CVS and Subversion
tkdiff-4.2_1	Tk frontend for diff(1)
trafshow-5.2.3_2,1	Full screen visualization of network traffic
trousers-tddl-0.3.10_7	The open-source TCG Software Stack
unrar-5.21_1,5	Extract, view & test RAR archives
unzip-6.0_6	List, test, and extract compressed files from a ZIP archive
unzoo-4.4_2	ZOO archive extractor
w3m-0.5.3_4	Pager/text-based WWW browser
wireshark-1.12.6	Powerful network analyzer/capture tool
xauth-1.0.9_1	X authority file utility
xbitmaps-1.1.1	X.Org bitmaps data
xcb-proto-1.1.1	The X protocol C-language Binding (XCB) protocol
xcb-util-0.4.0_1,1	Module with libxcb/libX11 extension/replacement libraries
xcb-util-renderutil-0.3.9_1	Convenience functions for the Render extension
xcmiscproto-1.2.2	XCMisc extension headers
xdg-utils-1.0.2.20130919_1	Tools to allow all applications to integrate with the free desktop
xextproto-7.3.0	XExt extension headers
xeyes-1.1.1	Follow the mouse X demo
xf86bigfontproto-1.2.0	XFree86-Bigfont extension headers
xineramaproto-1.2.1	Xinerama extension headers
xmlcatmgr-2.2_2	SGML and XML catalog manager
xmlcharent-0.3_2	XML character entities
xorg-fonts-truetype-7.7_1	X.Org TrueType fonts
xorg-macros-1.19.0	X.Org development aclocal macros
xprop-1.2.2	Property displayer for X
xproto-7.0.27	X11 protocol headers
xset-1.2.3_1	User preference utility for X
xterm-318	Terminal emulator for the X Window System
xtrans-1.3.5	Abstract network code for X
zip-3.0_1	Create/update ZIP files compatible with PKZIP

3.3. Changes Installed

Changes from the previous Freeway software version to this 7.1-2 version (CD BN-A) are listed here.

1. Updated to FreeBSD 10-Stable as of 04 July, 2015 10:00am GMT.
2. Updated webserver to: Apache/2.4.12 (FreeBSD), PHP/5.6.10, OpenSSL/1.0.1o.
3. Updated PostgreSQL database to version 9.4.4.
4. Updated SNMP to net-snmp version 5.7.3_7.
5. Updated the ClamAV antivirus utility programs to version 0.98.7.
6. Added the ability to mount UDF-format CDRoms or DVDs.
7. Added support for IPSEC.
8. Added support for 10Gbit fiber ethernet boards.
9. Added commands to make the DLI/TSI sourcecode compile cleanly.
10. Added creation of DOS-formatted partitions on large Advanced-Format (AF) disks.

3.4. Adaptation Data

Not applicable to this software.

3.5. Related Documents

Related documents are listed in the Preface Section of this document.

3.6. Installation Instructions

Freeway software installation instructions are listed in the Freeway User's Guide, DC-900-1333.

3.7. Possible Problems and Known Errors

At the time of release, the Freeway software version 7.1-2 and other software on CD release BN-A contained no known problems or known errors.

Chapter 4. Notes

This chapter contains any general information necessary to aid in understanding this document.

Table 4-1. Acronym definitions

Acronym	Definition
DID	Data Item Description
ICP	Intelligent Communication Processor
IP	Internet Protocol
SVD	Software Version Description
WAN	Wide Area Network

Index

A

Acronyms, 19
 DID (Data Item Description)
 (see DID)
 ICP (Intelligent Communications Processor)
 (see ICP)
 IP (Internet Protocol)
 (see IP)
 SVD (Software Version Description)
 (see SVD)
 WAN (Wide Area Network)
 (see WAN)
Adaptation Data, 18
Audience, v

C

Changes Installed, 18
CSCI, 19
Customer support, viii

D

Data Item Description
 (see DID)
DID, 10, 19
Document conventions, viii

I

ICP, 9, 19
Identification, 9
Installation Instructions, 18
Intelligent Communications Processor
 (see ICP)
Internet Protocol
 (see IP)
Inventory of Materials Released, 11
Inventory of Software Contents, 11

IP, 9, 19

N

Notes, 19

P

Possible Problems, 18
Preface, v
Product support, viii

R

Reference documents, v, 10
Related Documents, 18

S

Software Version Description
 (see SVD)
Support, product, viii
SVD, 19

T

Technical support, viii

W

WAN, 9, 19
Wide Area Network
 (see WAN)

Customer Report Form

Customer Report Form

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Your Name and Phone Number:

Company:

Address:

Product:

Problem or Suggestion:

Thank you.