

VINETIC®**Voice and Internet Enhanced Telephony Interface Circuit****VINETIC® T.38 Fax Relay Package Release 1.1****CONFIDENTIAL****Abstract**

These release notes cover the software release of the T.38 FAX Relay Package which is delivered with the T.38-FAX-Relay-Release-1.1.zip file.

This document contains:

- **Chapter 1** General
- **Chapter 2** Changes
- **Chapter 3** Supported Features
- **Chapter 4** Open Issues
- **Chapter 5** Known Issues

1 General**Table 1 T.38 FAX Protocol Stack - Version Overview**

New Version	Release Date	Replaced Version	Release Date
T.38 Protocol Stack Release 1.16	2005-08-01	-	2005-08-01

Table 2 T.38 FAX Agent - Version Overview

New Version	Release Date	Replaced Version	Release Date
T.38 FAX Agent Release 1.1	2005-08-01	T.38 Fax Release 1.0	2005-03-01

Revision History: none Previous Version: none Major Changes: none

Table 3 Test Application - Version Overview

New Version	Release Date	Replaced Version	Release Date
T.38 Test Application Release 1.0 - Initial Version	2005-08-01	-	2005-08-01

2 Changes

The following chapter describes the changes on the T.38 FAX Relay Package.

Table 4 Documentation

Description of Changes	Remarks
Reworked "FAX Agent Release 1.0" documentation. Split T.38 Protocol Stack and The FAX Agent description in separate documents. The following documentation is available for the T.38 FAX Relay Package: <ul style="list-style-type: none"> • T.38 Protocol Stack Release 1.16 User's Manual Programmer's Reference Rev. 1.0 • T.38 Fax Agent Release 1.1 User's Manual Programmer's Reference Rev. 1.0 • T.38 Test Application Release 1.0 User's Manual Programmer's Reference Rev. 1.0 	New Documentation

Table 5 T.38 FAX Agent Changes

Description of Changes	Remarks
Adapt T.38 FAX Agent to Driver Version 0.11.9.1 (old Version 0.9.13.2).	New Version

Table 6 T.38 Protocol Stack Changes

Description of Changes	Remarks
No updates	-

Table 7 Test Application Changes

Description of Changes	Remarks
Initial Version 1.0	New

3 T.38 Protocol Stack Features

Supported Features by the T.38 Protocol Stack

- T.38 ITU-T Recommendation Version 0
- T.38 Annex A - ASN.1 2002 notification
- Signaling protocol Support (T.38 Annex B, D, E)
- Data Rate Management Method 1 and Method 2
- Packet Layer Support for TCP and UDP.
- UDPTL Error Correction support
- Non standard facilities handling (NFS)
- Multi Channel Support
- Configurable T.38 Stack parameters
- T.38 Statistics

Unsupported Features

- JBIG/MMR Transcoding
- TPKT headers for TCP are not supported
- RTP headers for UDP are not supported
- Fill Bit Removal
- T.38 Annex G used for H.245 is not supported

4 Test Application Features

Supported Features

- Internal FAX call through the T.38 Protocol Stack. FAX data packets looped back on the network layer.
- Tested on Easy 334 Evaluation board
- Build under ucLIBC tool Chain on EASY 334 Evaluation board

Unsupported Features

- External Calls between two EASY 334 Evaluation boards

5 Known Issues

Table 8 contains open issues.

Table 8 Open Issues of T.38 FAX Relay

Description of Issues	Status
No open issues.	

References

- [1] VINETIC® Version 1.4/2.1 Prel. User's Manual – EDSP Firmware Description Rev. 1.0, 2004-06-18
- [2] VINETIC® Version 1.4/2.1/2.2 Prel. User's Manual – EDSP Firmware Description Rev. 2.0, in preparation
- [3] T.38 Fax Agent Release 1.1 User's Manual Programmer's Reference Rev. 1.0
- [4] T.38 Protocol Stack Release 1.16 User's Manual Programmer's Reference Rev. 1.0
- [5] T.38 Test Application Release 1.0 User's Manual Programmer's Reference Rev. 1.0
- [6] VINETIC® (PEB/PEF 33xy) Version 1.4 and 2.1/2.2 Application Note Telephony API (TAPI) V2.3 Rev. 16, 2005-04-13
- [7] VINETIC® Prel. User's Manual Software Description - Driver Rev. 4.0, 2004-12-08
- [8] VINETIC® Driver Software Release Notes