

# TALnet Configuration Guide

---

Software Release 1.2  
March 1996

TAL  
930 East Arques Avenue  
Sunnyvale, CA 94086-4552  
USA  
Phone: 408-523-8000  
Fax: 408-523-8001  
E-mail: [support@tetherless.net](mailto:support@tetherless.net)  
<http://www.tetherless.net/>

Text Part Number: 510-0002, Rev C0

**First Printing, September 1995**  
**Revised, December 1995; March 1996**

The information in this manual is subject to change without notice. All statements, technical information, and recommendations contained in this manual are believed to be accurate and reliable but are presented without warranty of any kind, express or implied, and users must take full responsibility for their application of any products specified in this manual.

*TALnet Configuration Guide*

Copyright © 1995–1996, Tetherless Access Ltd.  
All rights reserved. Printed in USA.

SubSpace, TAL, TALnet, TALtalk, and Wireless Router are trademarks, and “a new way to internetwork” is a service mark of Tetherless Access Ltd. All other products or services mentioned in this document are the trademarks, service marks, registered trademarks, or registered service marks of their respective owners.

Portions of the following third-party products may be included with your product and are subject to the software license agreement:

Copyright © 1991-1992, Phil Karn, KA9Q

Copyright © 1992-1993, Lloyd & Associates

Copyright © 1992, William Allen Simpson

Copyright © 1988, 1989 by Carnegie Mellon University. All rights reserved.

CMU DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL CMU BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Copyright © 1990-1992, RSA Data Security, Inc. All rights reserved.

License to copy and use this software is granted provided that it is identified as the “RSA Data Security, Inc. MD5 Message-Digest Algorithm” in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as “derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm” in all material mentioning or referencing the derived work. RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided “as is” without express or implied warranty of any kind.

Copyright © 1983, 1988-1989, Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms are permitted provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that the software was developed by the University of California, Berkeley. The name of the University may not be used to endorse or promote products derived from this software without specific prior written permission.

Copyright © 1989, 1993, 1994

Regents of the University of California. All rights reserved.

This code is derived from software contributed to Berkeley by Michael Fischbein.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS “AS IS” AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright © 1991, 1992, Chris and John Downey

Upon request, TAL will provide the source code for Xvi without charge.

## Software License

Please read these terms and conditions carefully before using the software. By using the software of Tetherless Access Limited, Inc. and its suppliers from time to time, you agree to be bound by the terms and conditions of this license. If you do not agree with the terms of this license, promptly return the equipment including embedded software with proof of payment to the place of purchase for a full refund.

### Definitions

The TALnet™ software (“Software”) embedded in equipment provided by Tetherless Access Limited (TAL) is licensed (not sold) to you. TAL owns all copyright, trade secret, patent, and other proprietary rights in TALnet.

### License

**Authorized Use.** TAL grants to Customer (“Customer”) a nonexclusive and nontransferable license to use the TALnet Software in object code form solely on a single central processing unit owned or leased by Customer or otherwise embedded in equipment provided by TAL.

**Restrictions.** Except as expressly authorized above, Customer shall not: copy, in whole or in part, Software or Documentation; modify the software, reverse compile or reverse assemble all or any portion of the software; or rent, lease, distribute, sell, transmit over a network (except during TAL-approved upgrade procedures), or create derivative works of the software.

Customer agrees that aspects of the licensed materials, including the specific design and structure of individual programs, constitute trade secrets and/or copyrighted material of TAL. Customer agrees not to disclose, provide, or otherwise make available such trade secrets or copyrighted material in any form to any third party without the prior consent of TAL. Customer agrees to implement reasonable security measures to protect such trade secrets and copyrighted material. Title to TALnet Software and Documentation shall remain solely with TAL.

**Limited Warranty.** TAL warrants that the TALnet Software will substantially conform to the published specifications for such software, if used properly in accordance with the documentation, for a period of ninety (90) days from the date of shipment. To be eligible for a remedy, Customer must report all warranted problems within the warranty period to the party that supplied the product to Customer or to the TAL Service Partner if applicable. TAL’s sole and exclusive obligation and Customer’s exclusive remedy with respect to nonconforming software upon contact will be, at TAL’s option and potentially through the Sales or Service Partner, either (i) to provide a correction or a workaround for any reproducible errors, or (ii) to refund to Customer the license fee for the Software in the event that a license fee was paid and the other remedy is not available, or, if the license fee was zero, refund the price of the hardware less depreciation calculated on a straight-line basis. Customer agrees to cooperate with TAL or its Sales or Service Partner in creating the environment in which the error occurred. Further, Customer agrees to supply any necessary equipment for such tests.

This Limited Warranty does not apply to Software which (1) has been altered, except as authorized by TAL, (2) has not been installed, operated, repaired, or maintained in accordance with any installation, handling, maintenance, or operating instructions supplied by TAL, (3) has been subjected to unusual physical or electrical stress, misuse, negligence, or accident, (4) is used in ultrahazardous activities, (5) has been used in such a way that TAL or its Sales Partner cannot reasonably reproduce the software error, (6) has been exported from the original country of destination without payment of an uplift, or (7) has been misapplied. In no event does TAL warrant that the TALnet Software is error free or that Customer will be able to operate its networks without problems or interruptions.

**Disclaimer.** This warranty is in lieu of and TAL disclaims all other warranties and conditions, expressed or implied, including those of merchantability, noninfringement, and fitness for a particular purpose. This license is in effect except where superseded by special license agreements.

**Consequential Damages.** In no event shall TAL or its suppliers be liable for any indirect, special, consequential, or incidental damages including, without limitation, lost profits or loss or damage to data arising out of the use or inability to use this TALnet software, even if TAL has been advised of the possibility of such damages. Some states do not allow limitation or exclusion of liability for consequential or incidental damages.

**Termination.** This license is effective until terminated. Customer may terminate this license at any time by destroying the Software together with all copies thereof. TAL may immediately terminate this license if the Customer fails to comply with any term or condition hereof. Upon any termination of this license, Customer shall discontinue use of the Software and shall destroy all copies of the Software.

**Export.** Customer will comply with all applicable export laws and regulations if it exports the products. This restriction shall survive termination of this Agreement.

**Scope.** This License shall be governed by and construed in accordance with the laws of the State of California. If any portion hereof is found to be void or unenforceable, the remaining provisions of this License shall remain in full force and effect.

**Restricted Rights.** TAL's Software and supporting Documentation are provided with RESTRICTED RIGHTS. Use, duplication, or disclosure by the Government is subject to the restrictions as set forth in subparagraph (c) of the Commercial Computer Software - Restricted Rights clause at FAR 52.227-19 and subparagraph (c)(1)(ii) of The Rights in Technical Data and Computer Software clause at DFARS 52.227-7013.