

ITRAINONLINE MMTK

Trainers' notes: Mesh Networking

Developed by: Sebastian Büttrich, wire.less.dk

Introduction	High-level introduction to mesh networks.
Timing/duration	2 – 2.5 hours as a presentation with discussion.
Content outline and main topics covered	<ul style="list-style-type: none">• Mesh topology• Motivations & expectations• Mesh routing protocols• Mesh hardware• Mesh oriented software, distros etc• Some cases• Issues in mesh networking
Target audience	General wireless workers, community activists,
Prerequisite skills/knowledge	Good general understanding of networks and wireless networking, wireless standards, basic radio physics
Unit objectives/expected outcomes	By the end of the session participants should be aware of the possibilities of and problems relating to mesh networking and know where to start when building them
Pre-workshop activities	Thorough reading and discussion of materials, especially the issues and limitations: This unit contains a lot more than what can be included in handout and slides
Notes on using exercises	N/A
Resources included with unit	<ul style="list-style-type: none">• Handout• Trainers' notes• Slides• List of additional resources• Materials evaluation form• Workshop evaluation form• Copyright statement
Additional trainer resources	See the general Additional Resources
Equipment needed	PC and LCD or overhead projector.
Comments	This unit may be accompanied by practical experiments, e.g. with Linux laptops, Linksys WRT54G hardware - all URLs for guides and how-to's are given in the handout and

	additional resources
--	----------------------