**Abstract:**

Can and should a demonstration system be developed without support from the telecom suppliers?  The suppliers have full order books and other development needs; interest from them may be at an all time low.  A system without repeaters will sacrifice some of the goals of the demonstrator project, but may be needed to jump start further interest, funding, and development.  Many or all of the necessary components are available off-the-shelf and there is a community of system integrators capable of constructing a demonstration string of sensor nodes.

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