

# Transforming the Local Exchange and HFC Networks

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#### **TFI 2016**

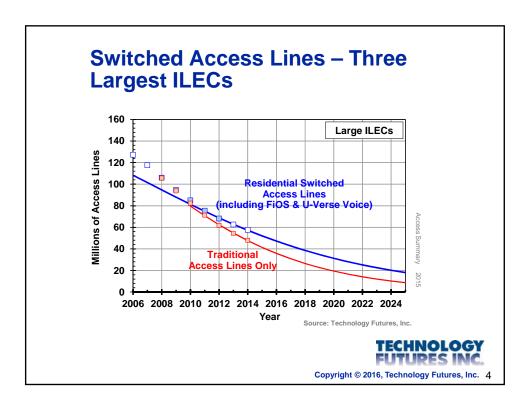
January 21-22, 2016 Marriott Courtyard Downtown Austin, Texas

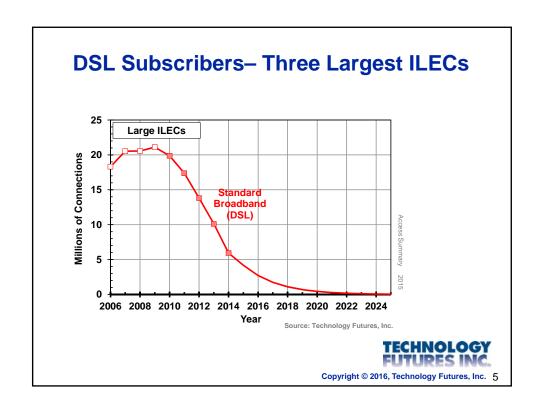
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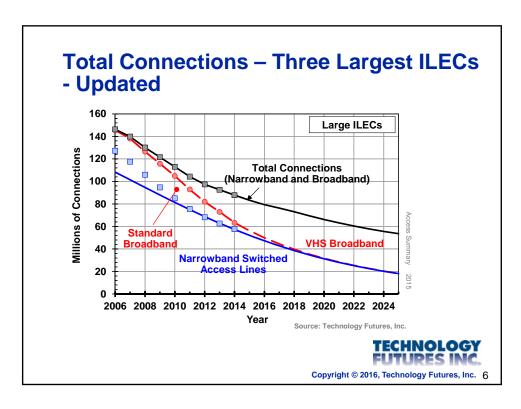
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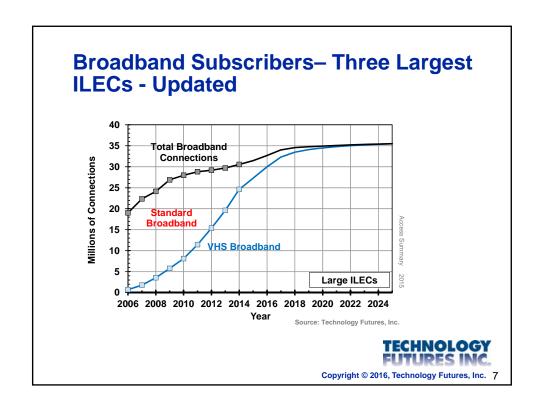
### **Telco Local Exchange Networks**

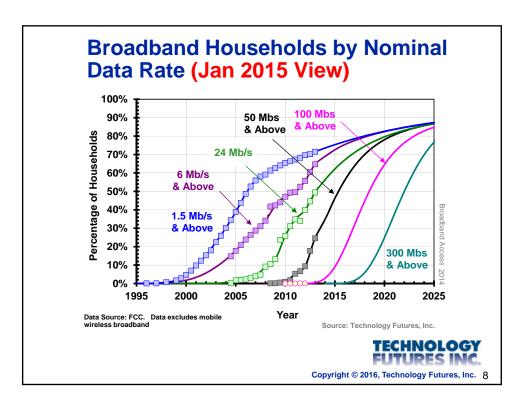


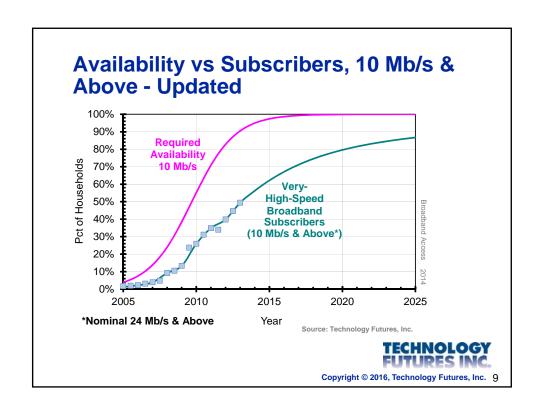


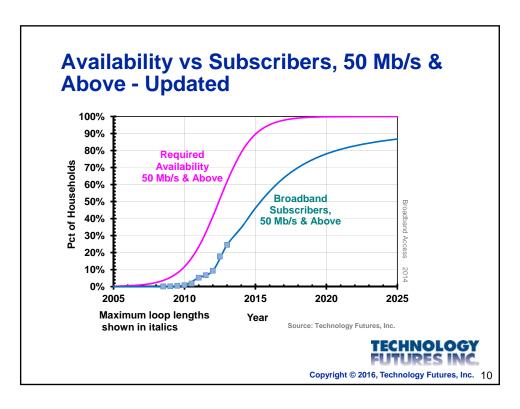


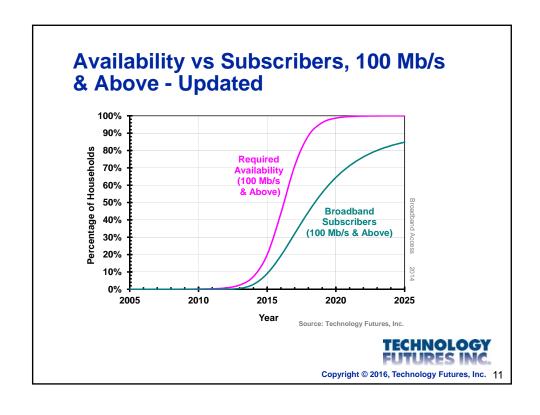


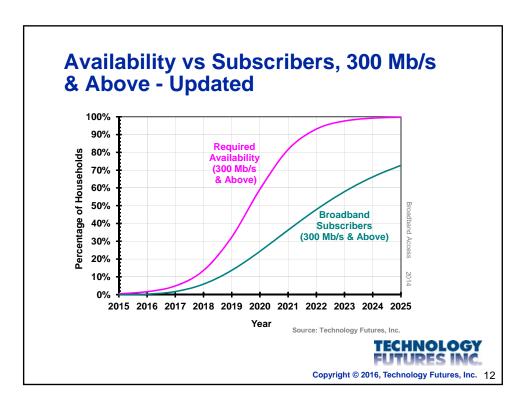


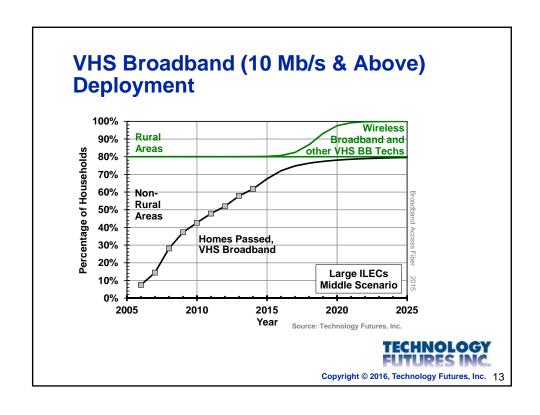


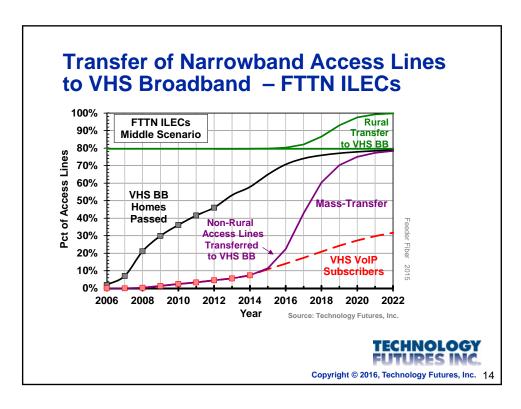


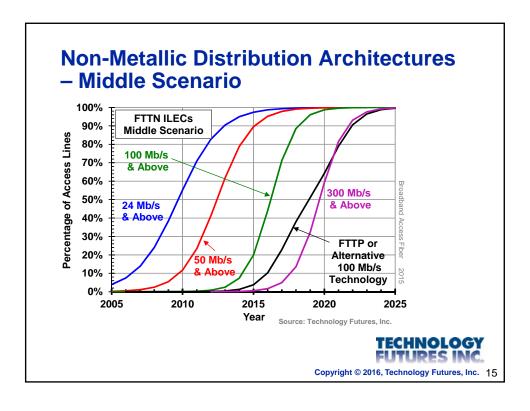












### **TFI Industry Recommended Average Remaining Lives as of 1/1/2015**

	Technology Substitution Only	After Access Line Losses
Digital Switching (Legacy)*	2.7 - 4.2	2.1 - 2.9
Circuit Equipment (Legacy)*	2.4 - 3.7	2.0 - 2.7
Metallic Cable - Feeder	2.8 - 4.6	2.2 - 3.0
Metallic Cable - Distribution	3.0 - 6.5	2.7 - 5.3
Fiber Cable**		

<sup>\*</sup> Applies to legacy equipment only. For VHS broadband equipment, TFI recommends an ARL based on a 4-10 year P-Life, depending on the equipment type.

From 2015 TLEN, 7th Edition



<sup>\*\*</sup> For fiber, TFI recommends an ARL based on a 20-25 year P-Life.

## TFI Industry Recommended P-Lives as of 1/1/2015

	Technology Substitution Only	After Access Line Losses
Digital Switching (Legacy)*	9 - 14	8 - 11
Circuit Equipment (Legacy)*	8 - 11	7 - 9
Metallic Cable - Feeder	10 - 16	8 - 13
Metallic Cable - Distribution	11 - 18	11 - 16
Fiber Cable	20 - 25	20 - 25

<sup>\*</sup> Applies to legacy equipment only. For VHS broadband equipment, TFI recommends a 4-10 year P-Life, depending on the equipment type.

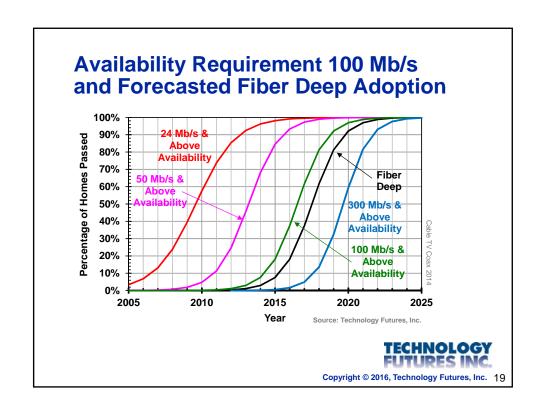
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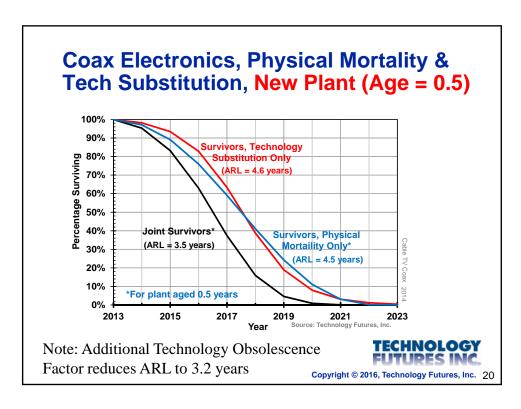


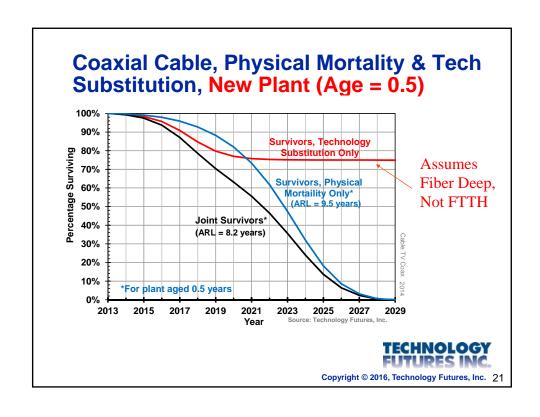
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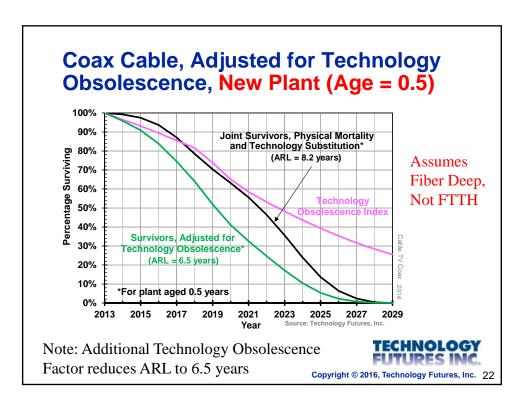
#### **HFC Networks**















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