Femtocell Market Opportunity and 3G Deployment Status

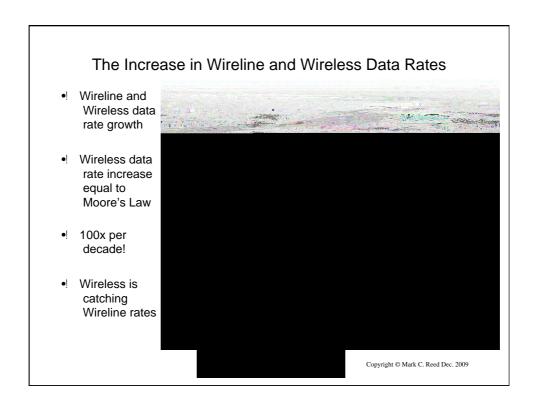
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Summary

•! Introduction



Cost Analysis as mobile Broadband takes off – Bell Labs

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3GPP/WCDMA Femtocell Standardization

Why do you need Location?

•! Enhanced 911 (E911) Requirements

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Femtocells Features : Provisioning

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•! Leverage TR-069 for xDSL

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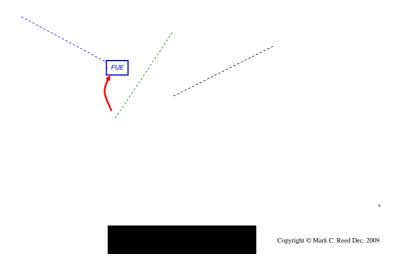
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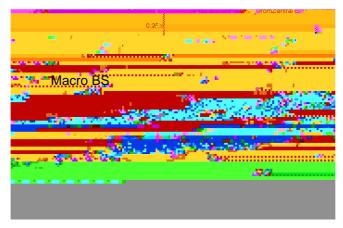
Interference In Femtocells: Introduction

Tetsuzo Matsumoto, Chief Strategy Officer, Softbank (Vodafone Japan): "At the moment Softbank

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Interference Pictorial Representation of Definitions





Femto

Interference example from Macro-Terminals onto Single Femto Multi-cell Simulation <u>Platform developed for sys</u>tem analysis

Important Points about the System Simulation

•! Femto Power Management

Next Generation Mobile Networks

- •! NGMN Alliance Driven by Wireless Operators
 - -! Also part of a Self-organizing/optimizing Networks (SONs)

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Conclusions

•! Femtocells Turn Network Architectures up-side down!

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