

May 15, 2003

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 Twelfth Street, S.W.  
Washington, D.C. 20554

Re: Oral and Written *Ex Parte* Presentations by SchlumbergerSema Inc.  
Petition for Rulemaking filed by Progeny LMS, LLC  
RM-10403

Dear Ms. Dortch:

On May 14, 2003, the undersigned and Lawrence Movshin of Wilkinson Barker Knauer, LLP, David Wilson of New Frontiers Communications Consulting, and William Coates and Colin Flannery of SchlumbergerSema Inc. ("SSI") met with the following members of the Wireless Telecommunications Bureau: John Muleta, Bureau Chief; Peter Tenhula, Acting Deputy Bureau Chief; Uzoma Onyeije, Legal Advisor; Paul D'Ari, Chief, Policy and Rules Branch, Commercial Wireless Division; Tom Stanley, Chief Engineer, Policy Division; and Richard Arsenaault, Attorney, Commercial Wireless Division, concerning the above-referenced proceeding.

The purpose of the meeting was to discuss the points raised by SSI in its Comments filed in the above proceeding on May 15, 2002. We also distributed the attached document which generally describes SSI.

In accordance with Sections 1.1206(b) and 1.49(f), we provide this notification electronically. Please contact the undersigned with any questions.

Sincerely,

WILKINSON BARKER KNAUER, LLP



By: Jeffrey S. Cohen

Enclosures

WILKINSON ) BARKER ) KNAUER ) LLP

Marlene Dortch, Secretary

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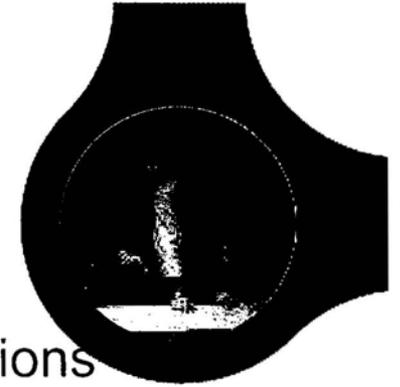
cc: John Muleta  
Peter Tenhula  
Uzoma Onyeije  
Paul D'Ari  
Tom Stanley  
Richard Arsenault

# SchlumbergerSema's Real Time Energy Management Business

1 5/15/2003

Schlumberger ema

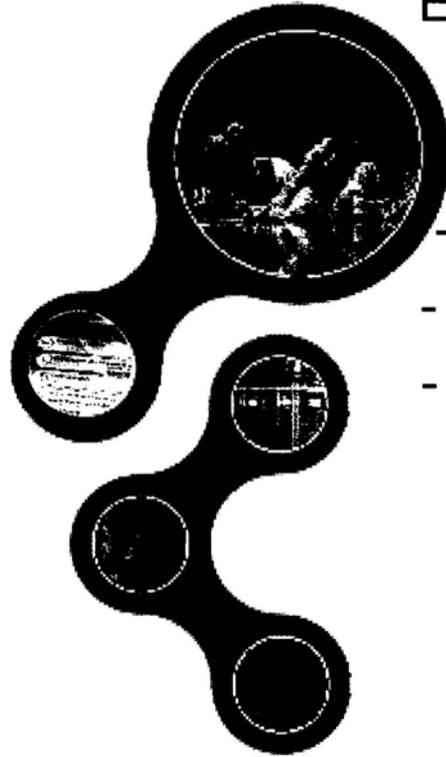
# What we do...



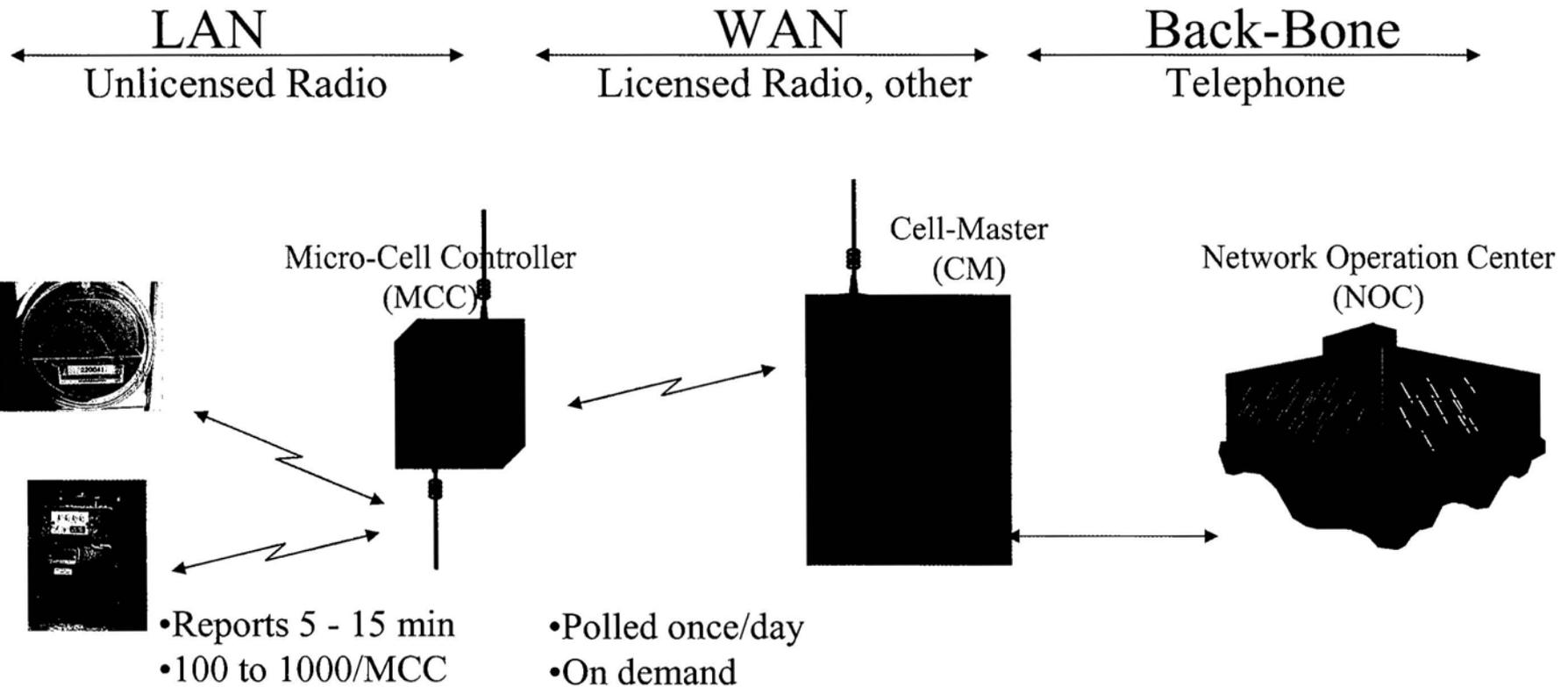
Engineer, build, and manage end-to-end solutions under multiyear contracts to provide:

- Real-Time Delivery of Energy-Use Data
- Energy-Use Data Validation, Display and Analysis
- Energy Consumption & Demand Management Tools

- Energy demand, usage and tariff analysis
- Energy load profile and consumption forecasting, aggregation and management
- Energy losses identification and reduction
- Energy-use management portal

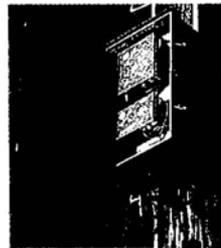
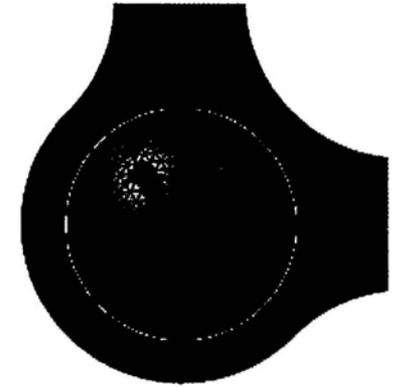


# Communication Overview

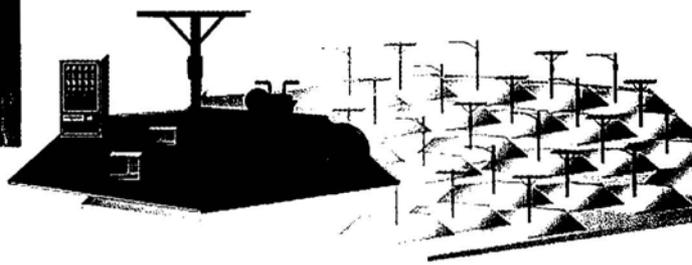


# Microcellular LAN Topology

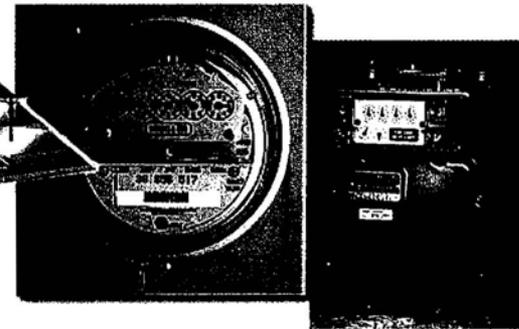
## *Local Area Network*



MicroCell  
Controller



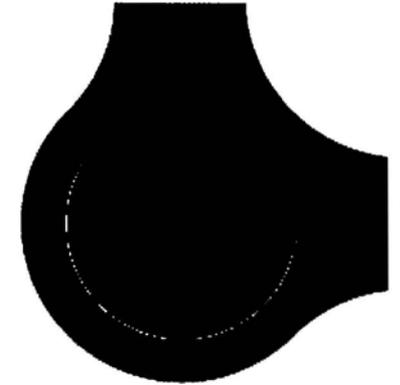
Endpoints



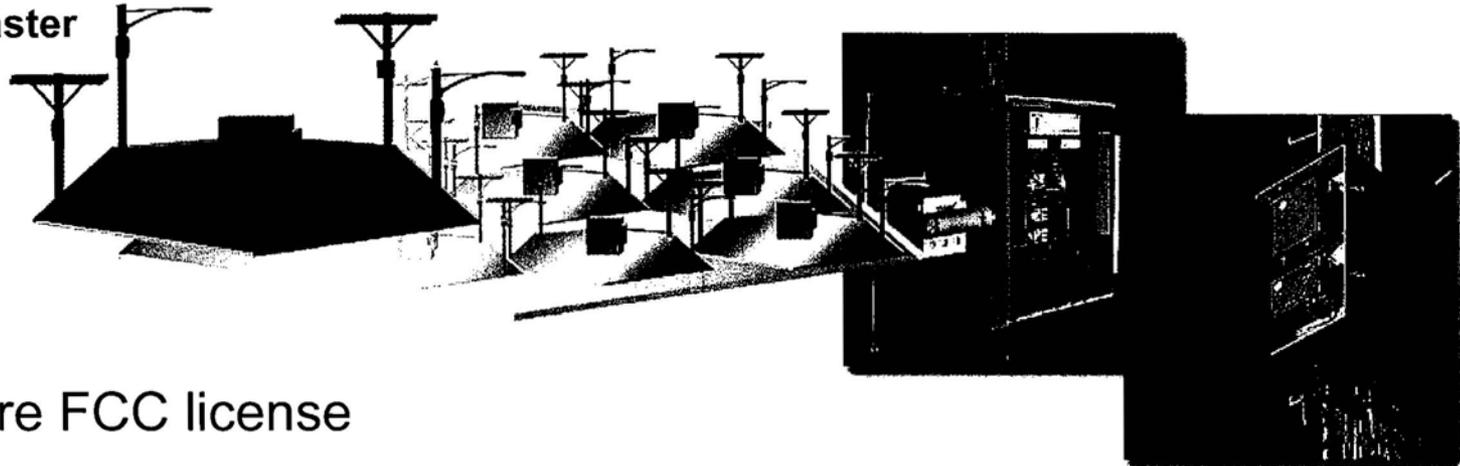
- Automatic, redundant data transmission
- Secure communications
- Intelligent controller
- Supports one- or two-way communication
- RELIES UPON UNLICENSED FREQUENCY!

# Cellular WAN Topology

## *Wide Area Network*

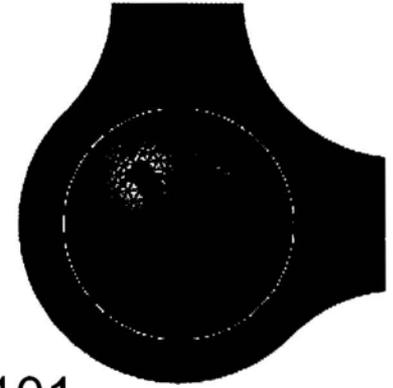


CellMaster



- Secure FCC license
- Adaptable to changing conditions
- Support multiple communications media

# 900MHz Spectrum

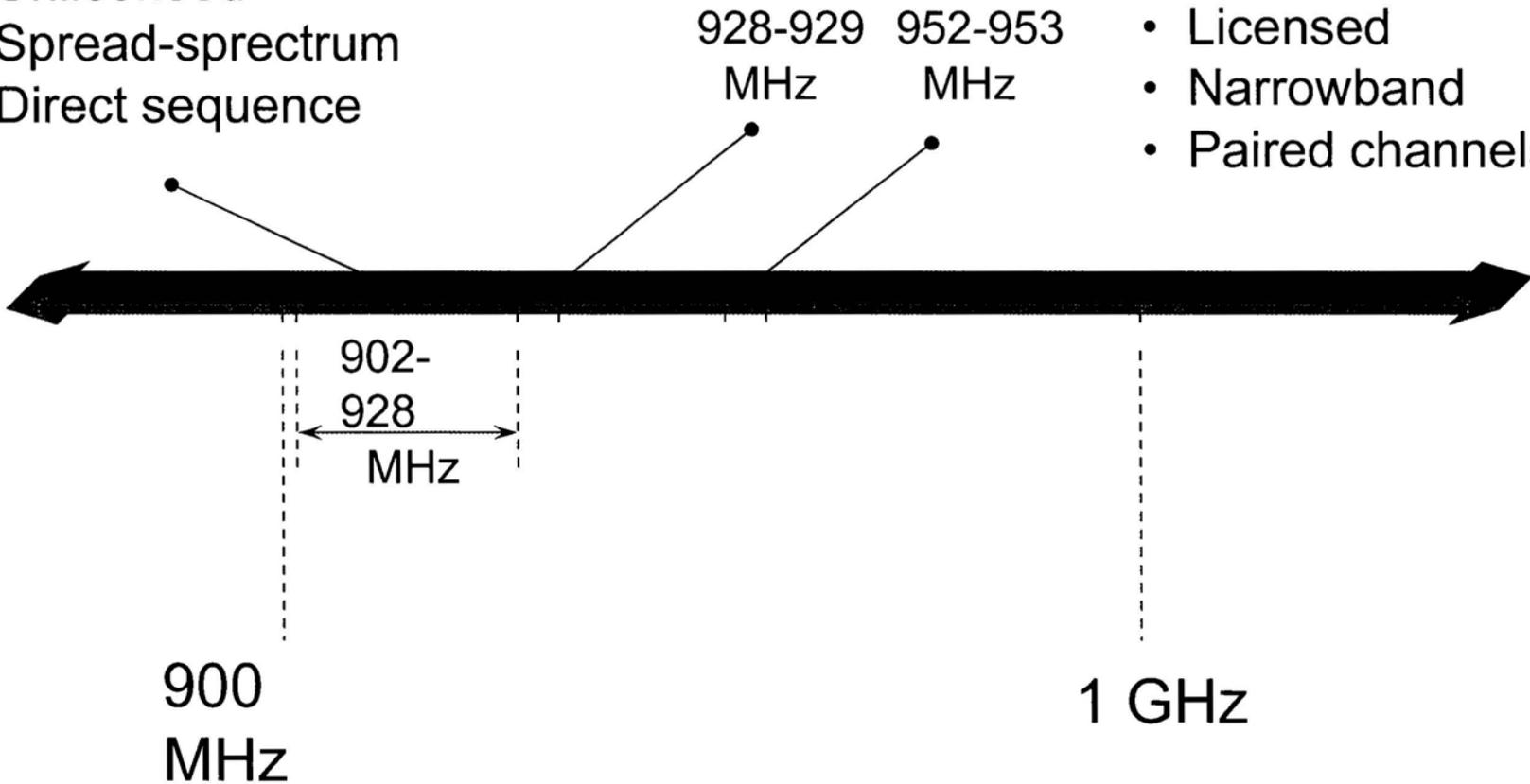


## LAN

- Part 15
- Unlicensed
- Spread-spectrum
- Direct sequence

## WAN

- Part 101
- Licensed
- Narrowband
- Paired channels

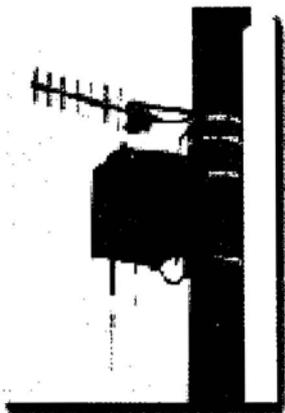
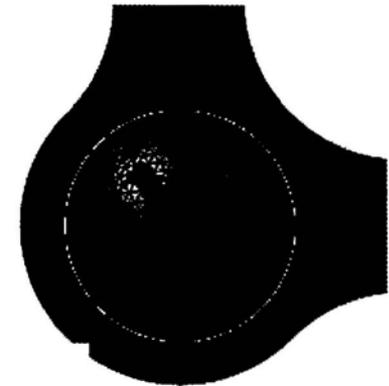


# Deployments

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Schlumberger ema

# Customers



10 Million Points (Part 15  
Devices) Under Contract  
Includes electric, gas, water meters

**SchlumbergerSema**

# Current Major Projects



## UTILITY

- **Kansas City Power & Light**
- **AmerenUE**
- **Xcel Energy**
- **Puget Sound Energy**
- **Indianapolis Power & Light**
- **United Illuminating**
- **PECO Energy**
- **Pittsburgh Water**
- **Kansas Gas Service**
- **Wisconsin Electric Power Company**
- **Jacksonville Electric Authority**
- **Austin Energy**

## METROPOLITAN AREA

- Kansas City, MO & Kansas City, KS**
- St. Louis, MO**
- Minneapolis, MN**
- Seattle, WA**
- Indianapolis, IN**
- New Haven, CT**
- Philadelphia, PA**
- Pittsburgh, PA**
- Kansas City, KS**
- Milwaukee, WI**
- Jacksonville, FL**
- Austin, TX**

# Endpoints Under Contract and Deployed

