HEAT & SHIFT Conference Expo Cambridge, 2 December 2010

ENGINEERING PLC

The Future of Street Lighting

John McDonnell

Managing Director



- E.on Energy Provider
- E.on Street Lighting Contractor
- Revolution
- PFI



- Bid differentiation
- Now CMS standard output specification
- Carbon Reduction Commitment
- 40% Energy Saving



NEW DARK AGE ON STREETS









- Established in 1993
- Employs 155 people (20% in R&D)
- A world leader in the development and manufacture of electronic ballasts and control products
- HQ and factory in Leeds



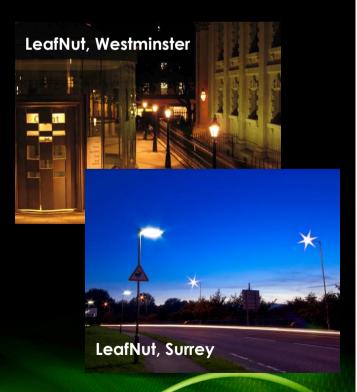
Development

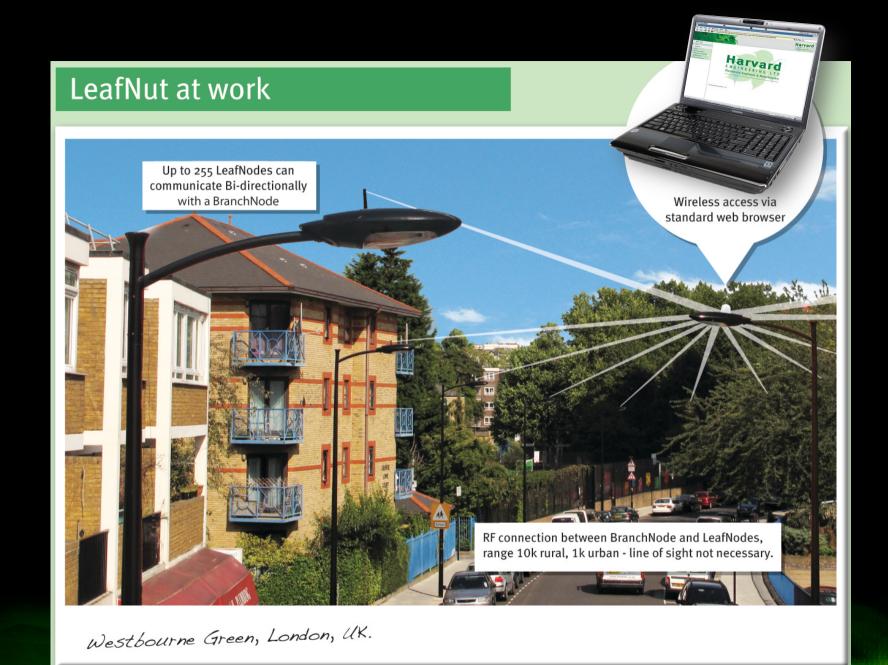


'The Launch'



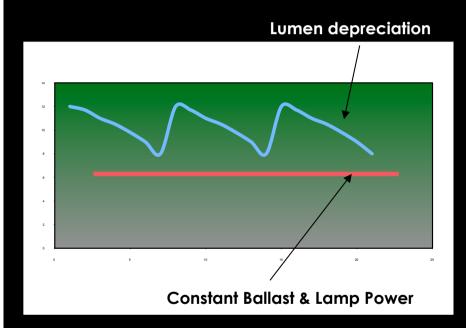
NowInstallations in over 40 locations, worldwide

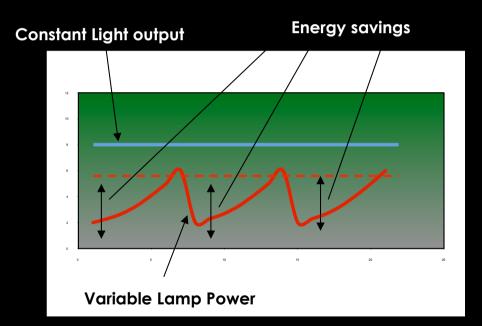






Maintenance Factor Harvesting





- ✓ Save over 10% against standard electronic ballasts
- ✓ Add dimming and save up to 40%



AMS Integration





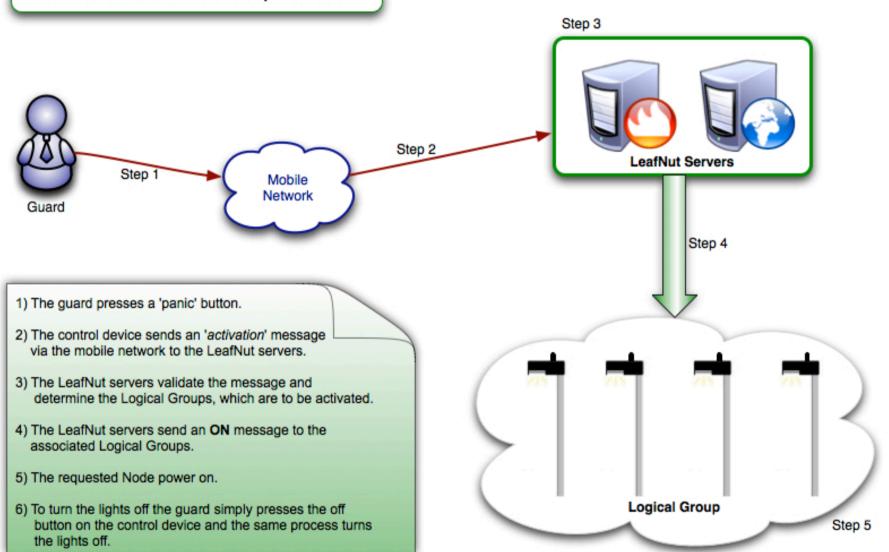


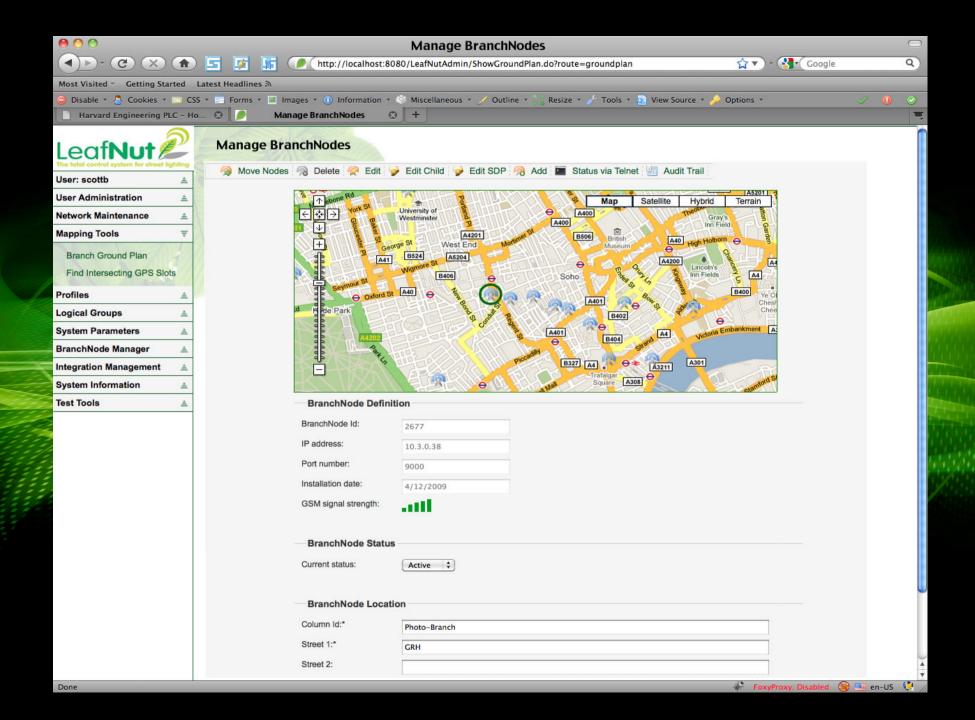




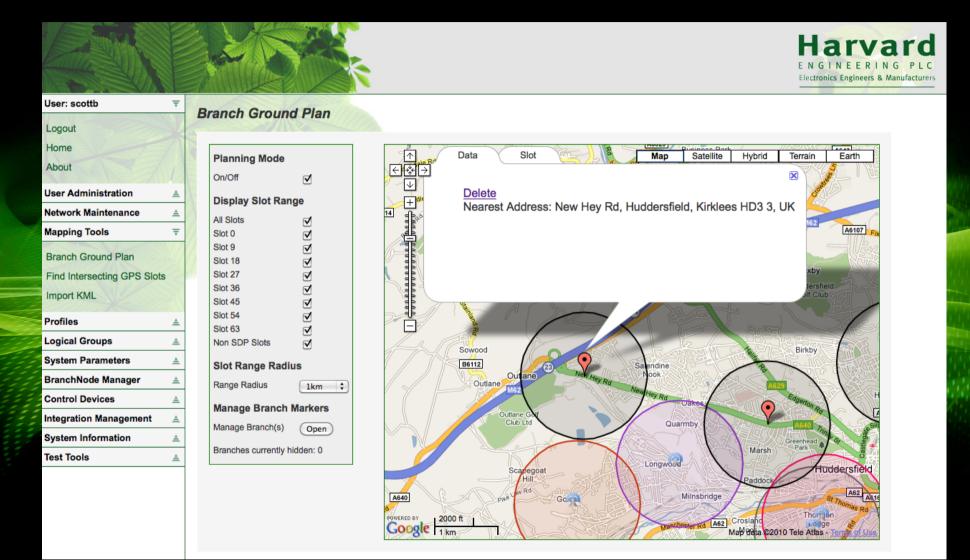
Engineering the flow of communication™

LeafNut Remote Control Group Activation

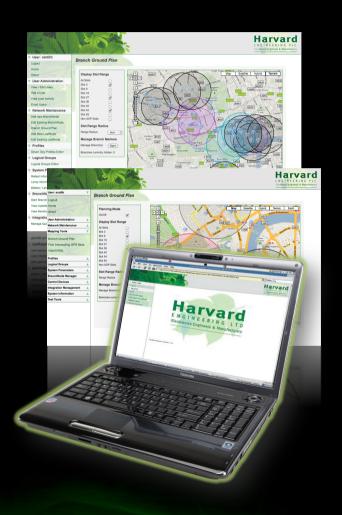




Deployment planning

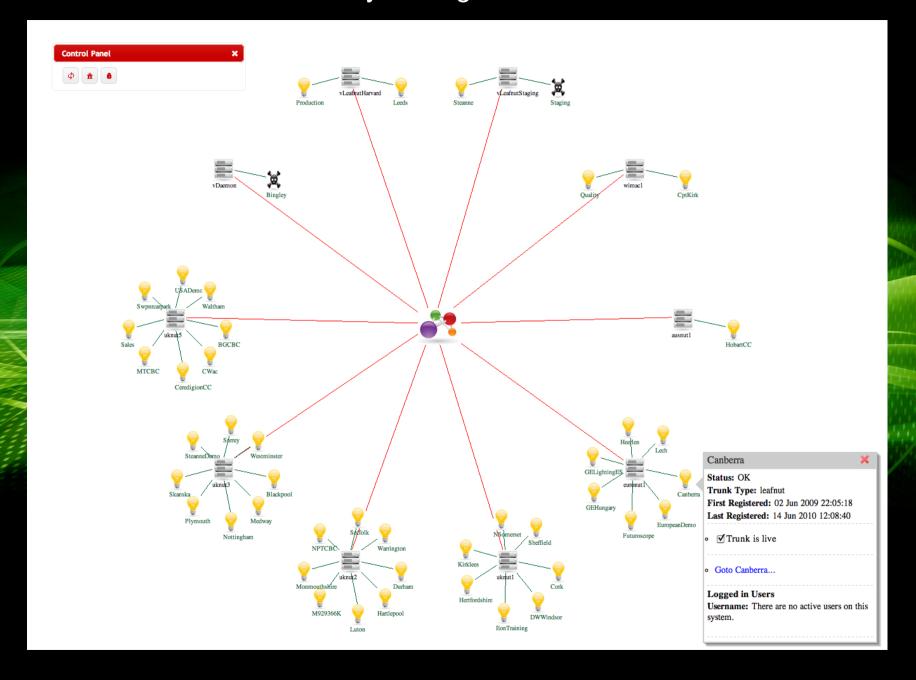


Security



- https://www.leafnut-host.net
 - 128 bit encrypted
 - Bank level security
 - Passwords not enough
 - Ethical hackers
 - Green Data centre
 - Dual hosting
 - WiMAC inventory manager

WiMAC Inventory Manager – TrunkNode status





ENGINEERING PLE

Thank you