

# A residential and enterprise small cell that improves performance, increases customer satisfaction – and changes the economics of indoor small cell rollout.

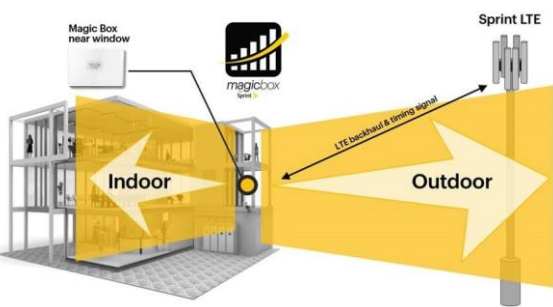


Winner  
Excellence in Commercial Deployment  
(Residential)



## What is it?

Sprint's Magic box is an all wireless indoor Plug-and-play LTE small cell with integrated wireless backhaul. Simply place near a window and it begins service in as little as 20 minutes. Self optimizing to achieve the most effective coverage without creating interference problems with other small cells or the macro network. It delivers ~25dB better link budget than a typical smartphone, and improves SINR performance.



## What does it offer the customers?

Simple and easy to install and does not require a fixed broadband connection. It automatically helps users find the strongest indoor signal to improve indoor data coverage. The Sprint Magic Box increases download and upload speeds an average of 200% and extends service to other Sprint customers in the area.



## What does it offer the operator?

Reduces the total cost of ownership by removing the cost of backhaul, professional installation, need for permits and landlord rent. The Sprint Magic Box improves overall network capacity by >200%, unlike a repeater, the Integrated LTE UE Relay creates an ultra-efficient connection for wireless backhaul to the macro network allowing for quick and cost-effective network densification.

# Sprint rapidly rolls out residential and enterprise LTE with Airspan's plug and play self-backhauling Magic Box

<https://bit.ly/2KjVgV6>



<http://scf.io/case/049>