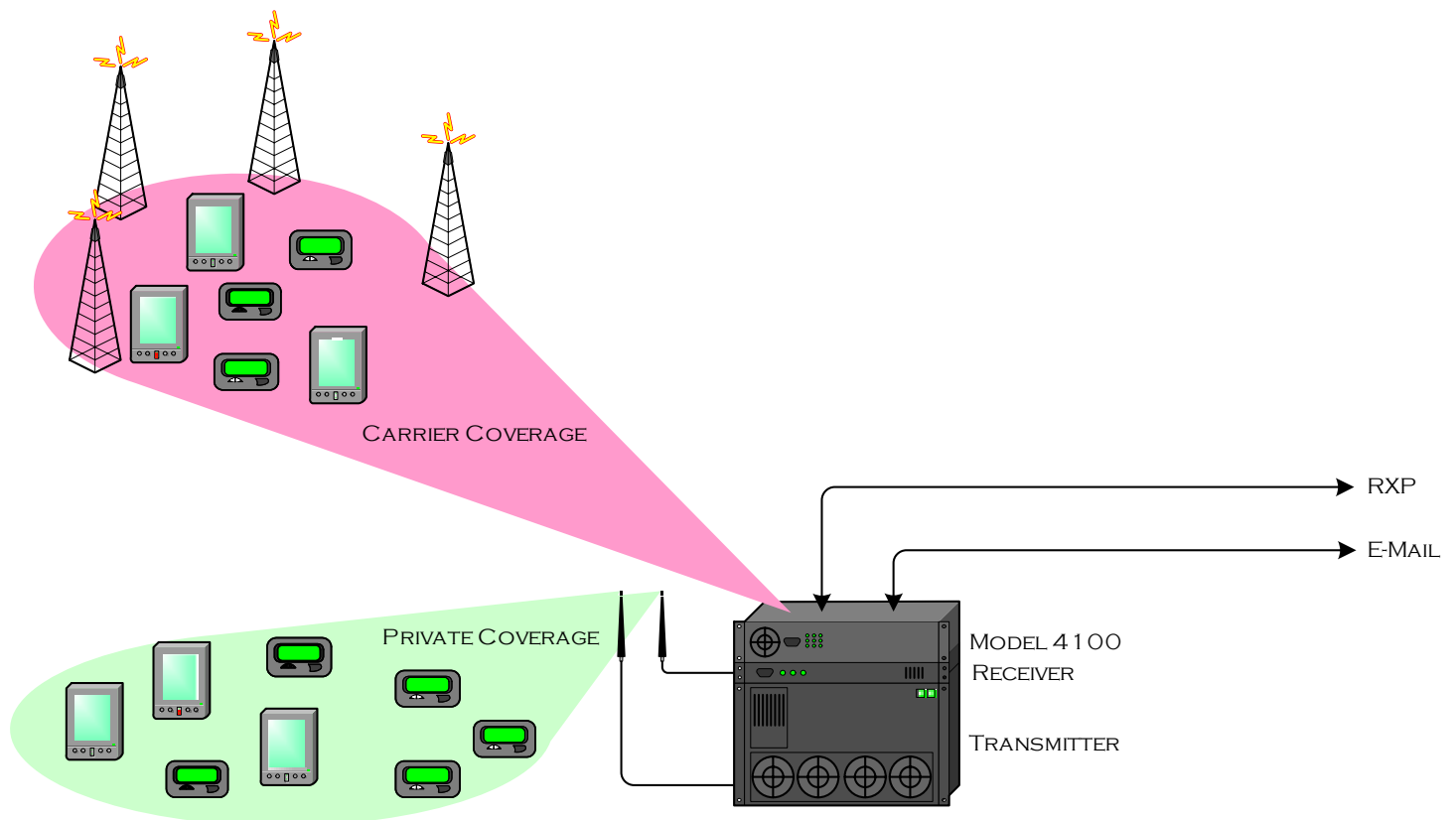


SPARKGAP™

E-Mail - 2-Way Paging - Telemetry

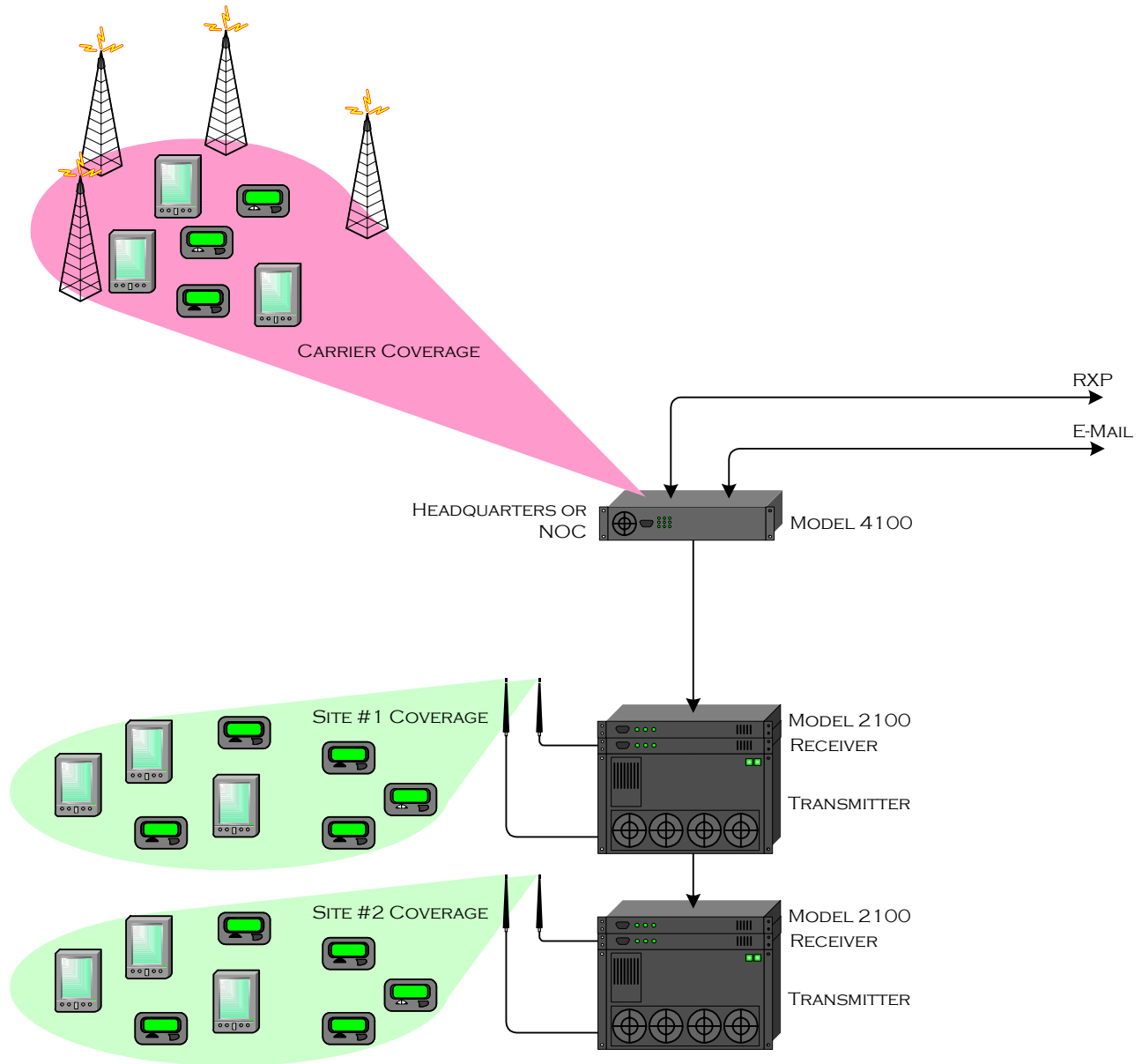
The **Sparkgap** product line provides optimized, on-site service for 2-way wireless messaging. It is optimized in industrial, medical, public safety and public utility applications, as well as small and medium-sized common carriers. Using the Motorola ReFLEX™ air protocol, a single **Sparkgap** antenna site provides reliable wireless e-mail, 2-way paging, and telemetry service to a single building, or to thousands of users over a wide urban area.

The foundation of the **Sparkgap** solution is the **Model 4100 Campus Server**. This unit contains a database for up to 5,000 users, an e-mail interface, and a ReFLEX network controller. It supports wireless e-mail devices, pagers, and embedded telemetry modems from a several vendors, and it works with existing and emerging paging transmitters and receivers. **Sparkgap** can also link to a public carrier using **RXP**, maintaining contact with users that leave private coverage by seamlessly transitioning them to a nationwide network.



PRIVATE SERVICE EXTENDS FROM A SINGLE BUILDING INTERIOR TO AN URBAN AREA, DEPENDING ON RF EQUIPMENT, TERRAIN AND ANTENNA PLACEMENT. BEYOND THIS, COVERAGE CONTINUES TRANSPARENTLY VIA ROAMING PARTNERSHIP WITH A NATIONWIDE CARRIER.





PRIVATE COVERAGE CAN SCALE FROM ONE SITE TO MANY SITES. USERS ARE ALWAYS IDENTIFIED BY A SINGLE EMAIL ADDRESS REGARDLESS OF THEIR PHYSICAL LOCATION, WHETHER ON-SITE OR ROAMING ON A CARRIER NETWORK.

With the addition of one or more **Model 2100 Site Controllers**, a **Model 4100** can control multiple on-campus base stations, or even remote TX/RX installations. This is useful for large settings involving multiple buildings, and it also provides the ideal means for a paging carrier to overlay ReFLEX service onto portions of their existing coverage footprint.

Sparkgap provides unmatched value and flexibility for wireless e-mail, paging, and telemetry, using some of the most time-proven and reliable technology in existence. Contact TGA to see how the **Sparkgap** solution can meet your requirements.



TGA TECHNOLOGIES, INC. - 100 PINNACLE WAY, SUITE 140 - NORCROSS, GA 30071-3633
WWW.TGA.COM - 770.441.2100