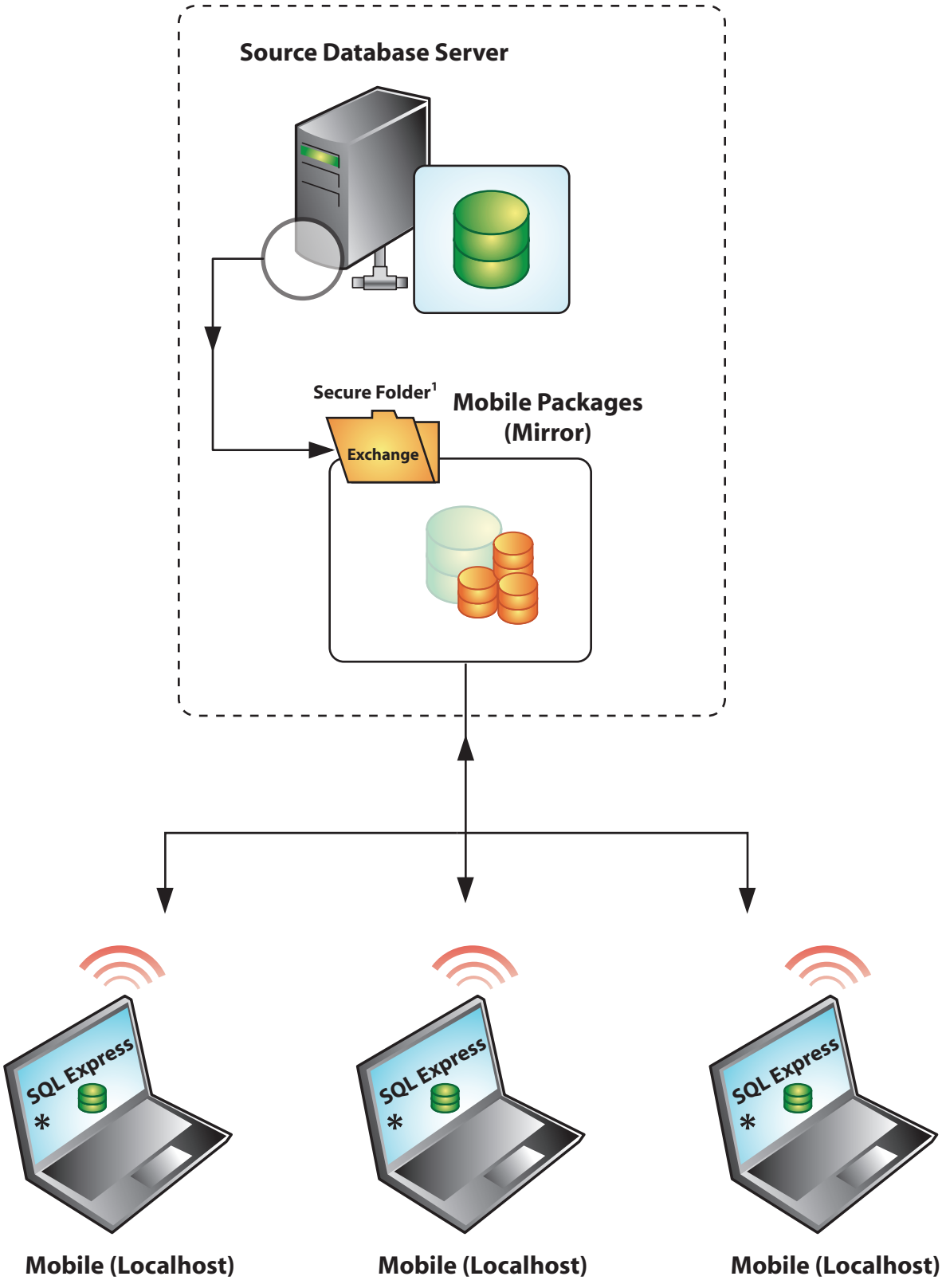Process Flow