

Smart Restaurant Information Provide System

It might be happened frequently that was not easy to look for an appropriate restaurant immediately in the unfamiliar places when people went out to eat. Through the powerful service platform, the **Smart Restaurant Information Provide System(SRIPS)** can provide a simple and easy way to search a suitable restaurant based on **IPv6** related techniques that set one or more multicast IP to every restaurant.

The simple operating process is showed as below:

1. When the user has a new requirement, he can input the conditions (such as meal type, distance, price, space and recommendation index) on his own communication equipment.
2. The communication equipment transmits the *multicast IP* and connects with the restaurants' **SRIPS** by the wireless **IPv6** network.
3. If fit in with the specific condition, all qualified restaurant information will be feedback to the user.
4. When the user receives the information, he can choose an restaurant he want and make an reservation via *unicast IP*.

