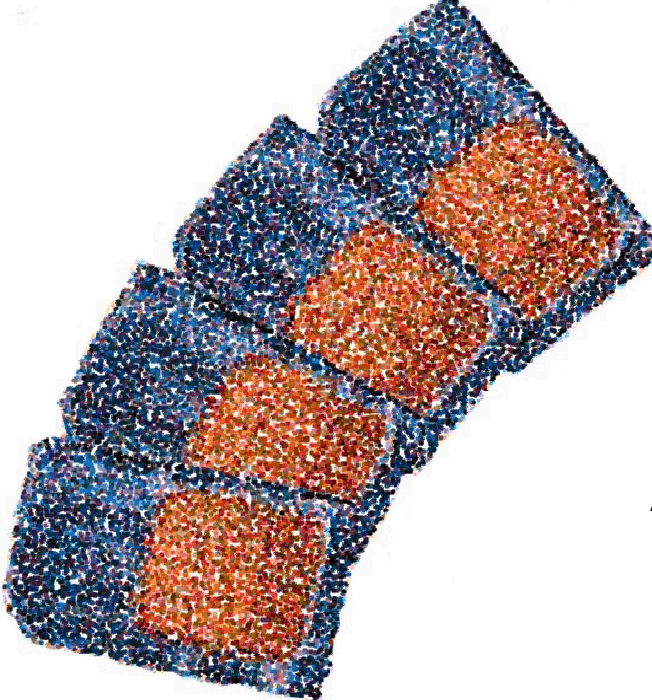


Roaming onto a network - current situation

- Check for last registered network
- Home Network
- Preferred / barred network lists
- Signal strength (minimum -80dBm)
- Random selection

Operator has NO CONTROL!



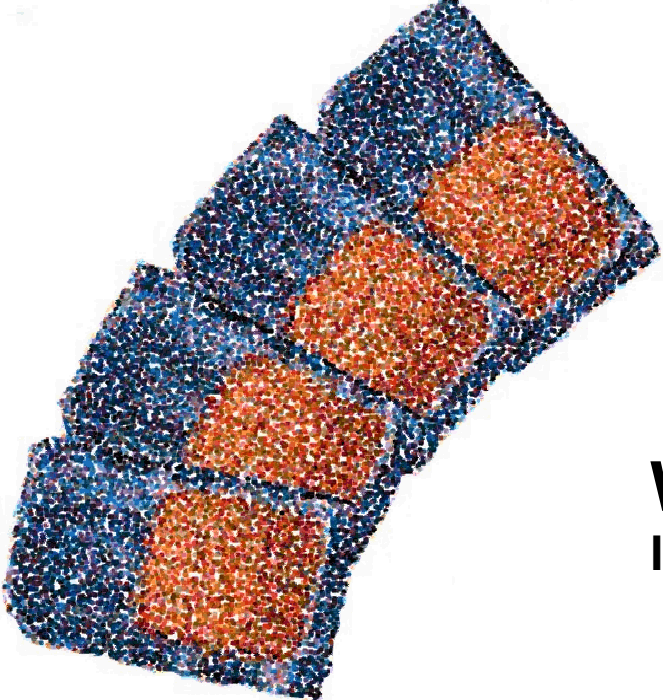


What is the problem?

**An MNO can only set
preferred or barred Networks
In favor of common ownership or preferential rates**

**May loose the client or client may
manually select alternatives**





Solution?

We take Control of Network Selection
In favour of common ownership or preferential rates





Force Subscriber ME to preferred roaming partners Network

Use “less preferred” networks only under contentious conditions – **Under operator control**





Benefits:

Retention of Group revenue on Shared Ownership networks

Better discounts on IOT rates by utilising selected MNOs in specific Countries

Provide cost advantages to MNO or subscribers



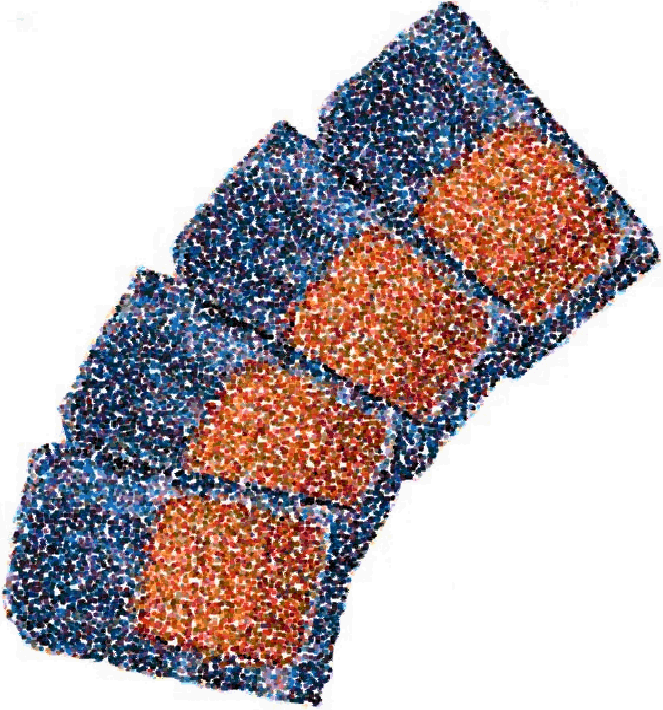


Application knows where it is being used:

- **Country**
- **Network**

Application has pre configured data and can be updated over the air depending on HLR Information





Routing:

- Never use this network
- Always use this network
- Use during certain time band
- ME can be controlled to prevent calls if routing data is unavailable





Handsets

- Alcatel, Siemens, Latest Motorola

Any others if GSM11.14 STK compliant (TP check)

Backward compatibility

- Application only becomes “live” if ME TP is compliant

