

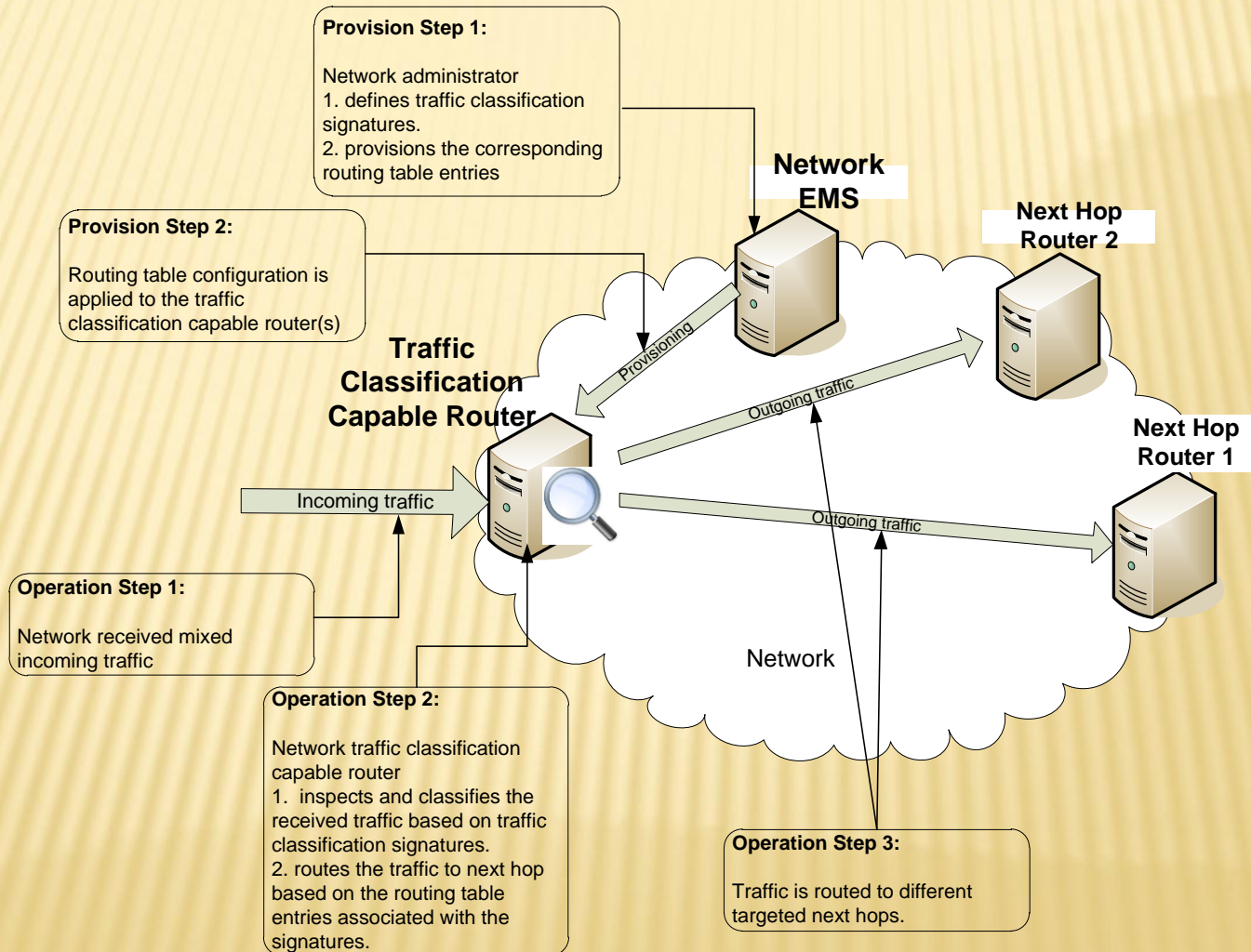
INTELLIGENT NETWORK TRAFFIC ROUTING

James Ni

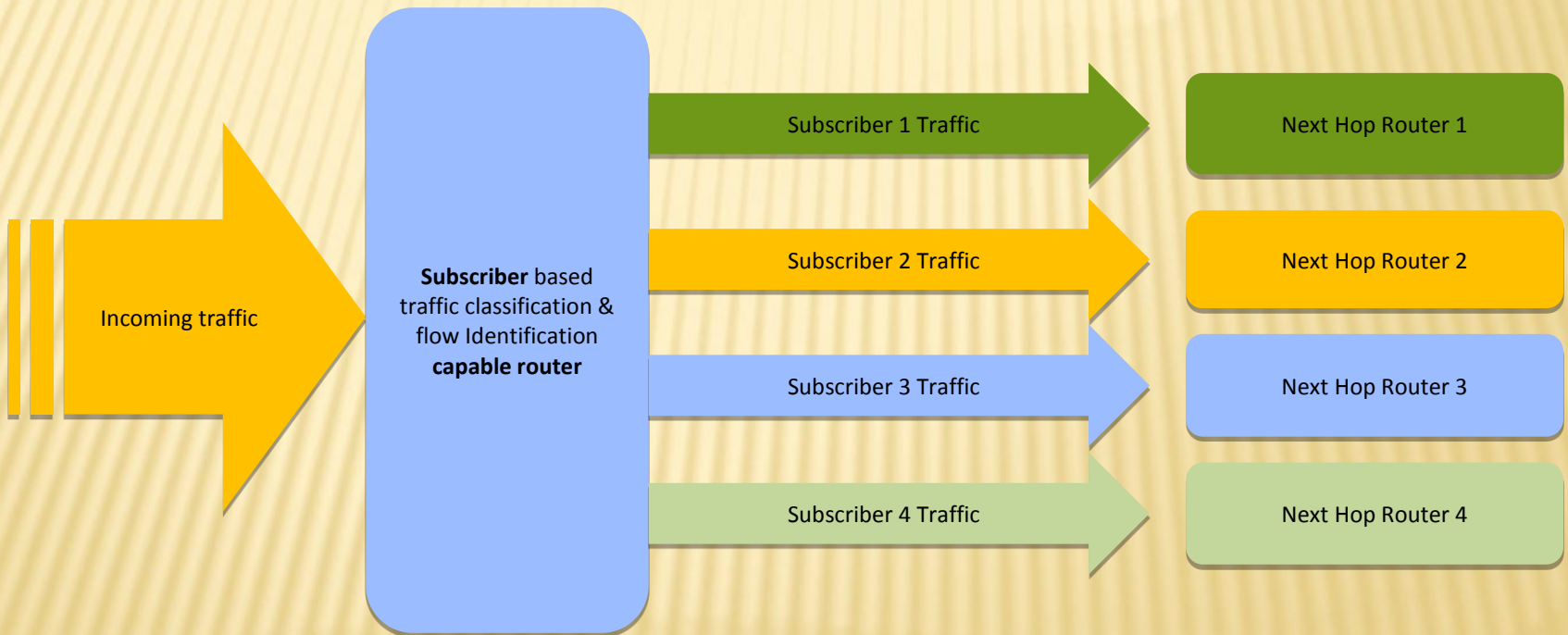
BUSINESS PERSPECTIVES

- ✘ Current network traffic routing is mostly based on destination and/or source IP addresses and/or ports.
- ✘ This proposal presents more intelligent traffic routing policies that allow value added service creations.
- ✘ Brief on the proposal:
 - + Network traffic is inspected and classified into flows based on pre-defined traffic classification signatures.
 - + Traffic routing table is built and compiled by the traffic classification signatures in addition to the existing destination and/or source IP addresses and/or ports.
 - + The traffic classification signature can be any information field or combination of information fields in the IP packet.
- ✘ Solution Examples:
 - + Subscriber based routing
 - + Application based routing
 - + Service Plan based routing
 - **Value added application example**
 - Cloud application traffic routing

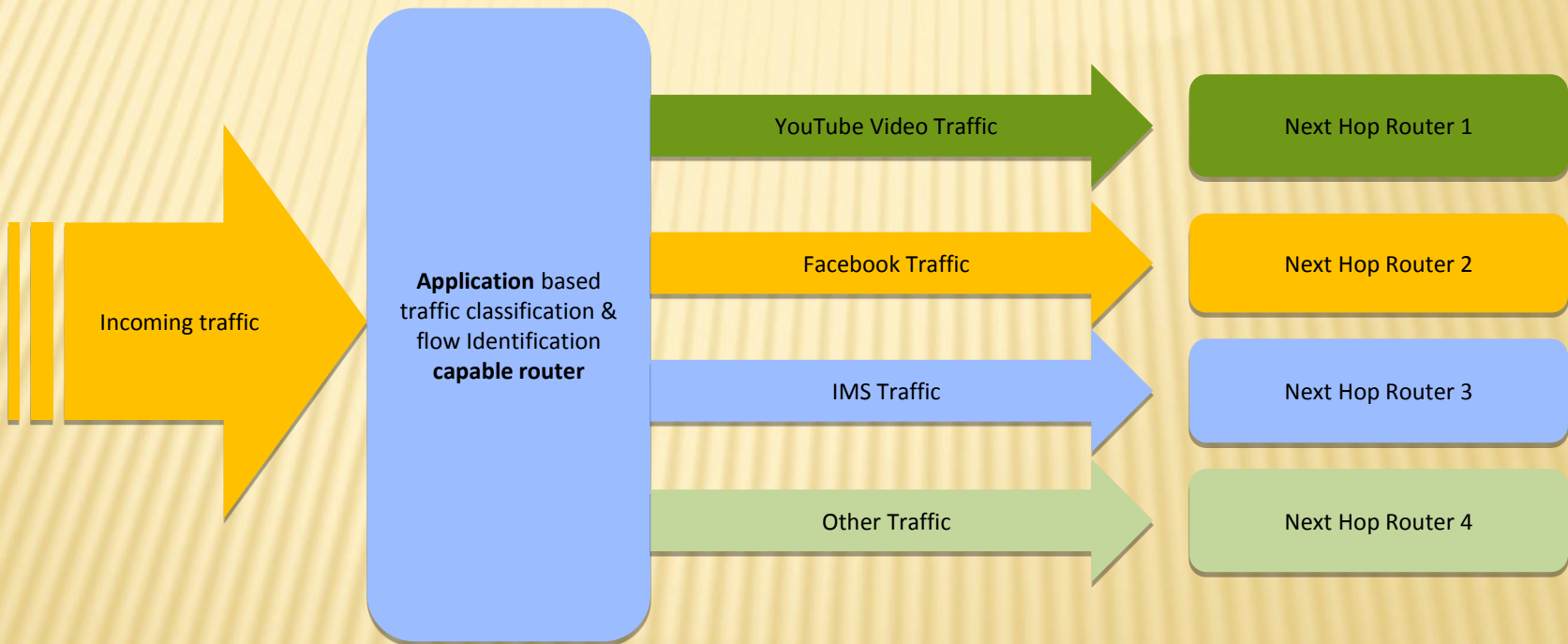
ARCHITECTURAL VIEW



SOLUTION EXAMPLES: SUBSCRIBER BASED TRAFFIC ROUTING



SOLUTION EXAMPLES: APPLICATION BASED TRAFFIC ROUTING



SOLUTION EXAMPLES: SERVICE PLAN BASED TRAFFIC ROUTING

