



“Bandwidth on Demand” and automatic Charging and Billing Scenarios

NexusDBS

We work to improve your network



Benefits for Providers

1. More revenues through:

- Differentiated bandwidth services (gold, silver, bronze, ...)
- More efficient and reasoned over-subscription
- Additional usage based billing capabilities



We work to improve your network

Benefits for Providers

2. Improved customer retention through:

Tailor made service bundles



Customer self services



Fair use to all & improved internet access



⇒ Churn rate reduction & additional revenues

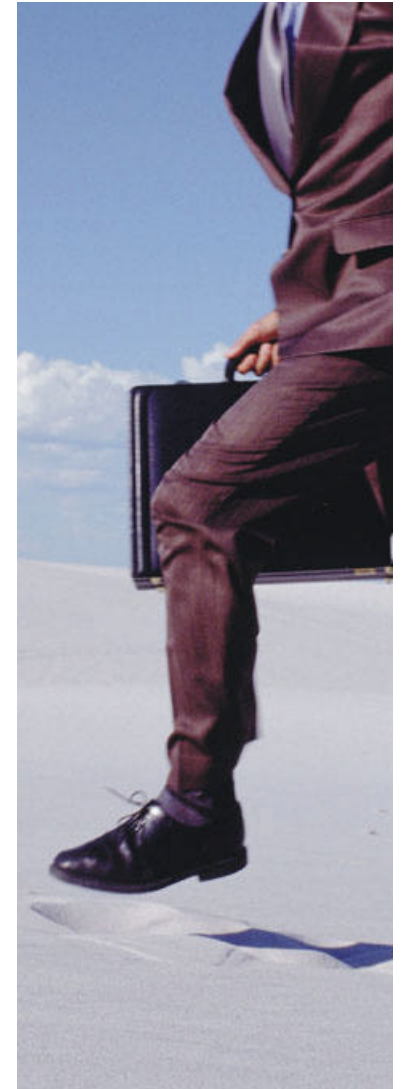




Benefits for Providers

3. Costs savings through:

- Self services & fully automated service activation
- Less orders via your call center
- Less complaints on bandwidth to your call center



We work to improve your network



Benefits for Your End Users

- Guaranteed bandwidths according to individual needs: gold, silver & bronze services
- Prioritization for business applications and/ or working groups
- Customer self services: bandwidth whenever needed for just as long as needed
- No additional equipment necessary

Internet Service Provider (xDSL, dial-up, ...)

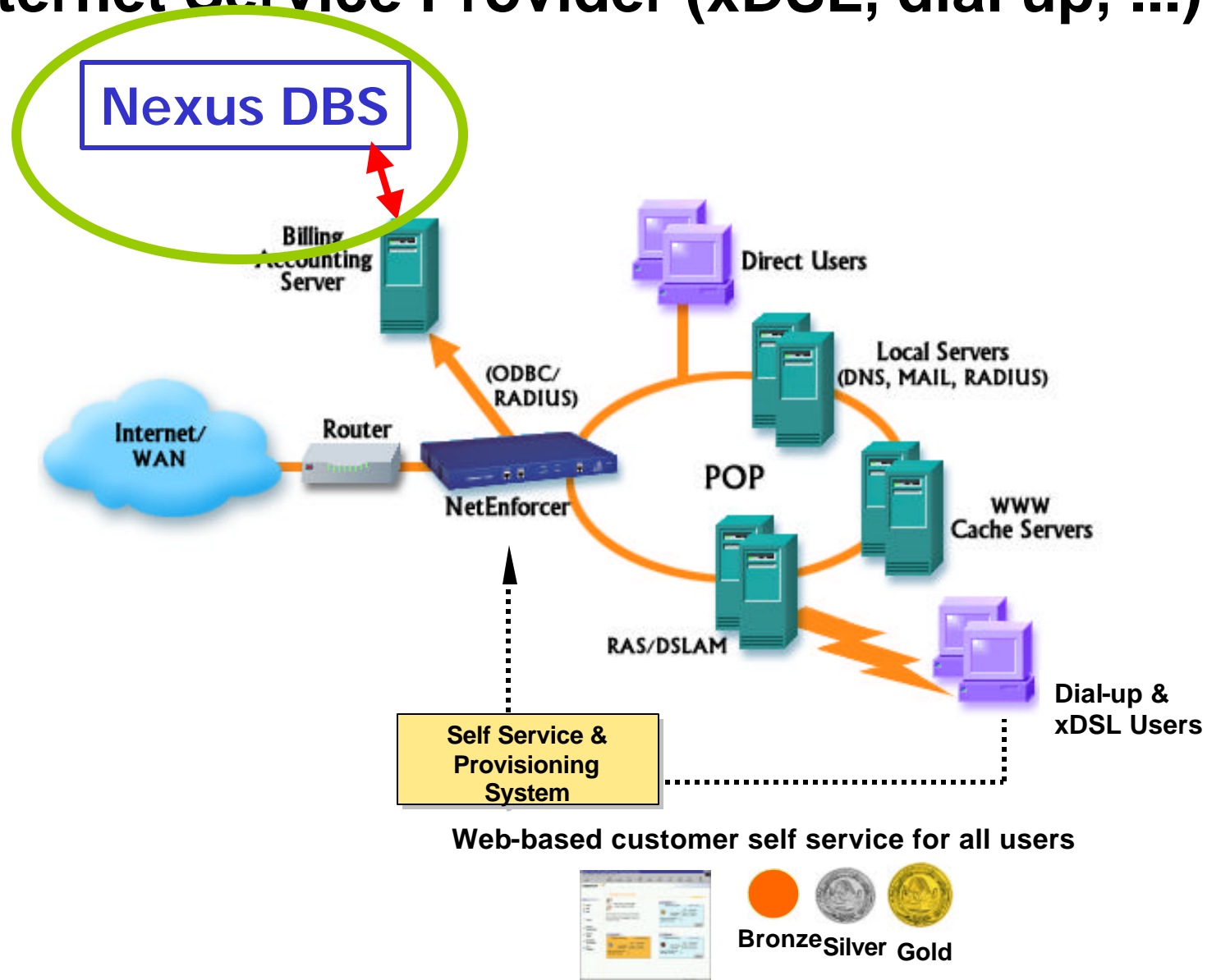
Your benefits:

- > You are able to differentiate services for various clients
- > Offer high value bandwidth services to business clients and frequent home user (e.g. with xDSL)
- > Assure fairness to all other users (e.g. dial-up users)
- > Guarantee bandwidth for video conferences, video on demand, MP3 downloads, on-line games ..





Internet Service Provider (xDSL, dial-up, ...)



We work to improve your network

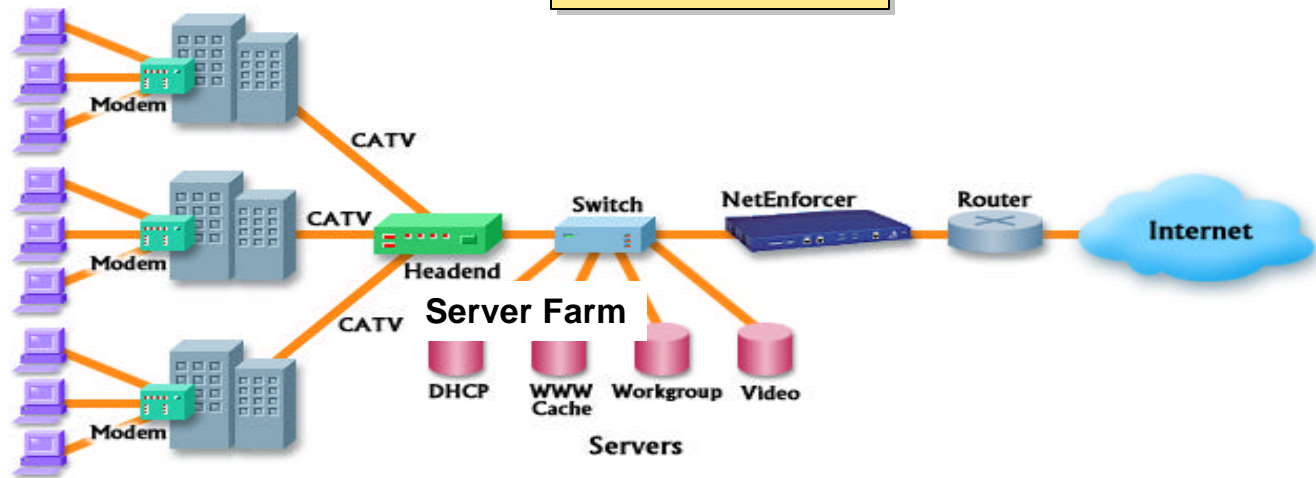
Cable TV Provider

Web-based customer self services for all users



Nexus DBS

Self Service & Provisioning System





Satellite Provider

Your benefits:

- > Prioritizes traffic & produces an orderly flow of applications from the end stations over the satellite to the WAN / internet
- > Guarantees smooth flow of end-to-end traffic & best utilization of the costly satellite link
- > Provider is able to connect more VSATs users to the satellite link without performance problems

We work to improve your network

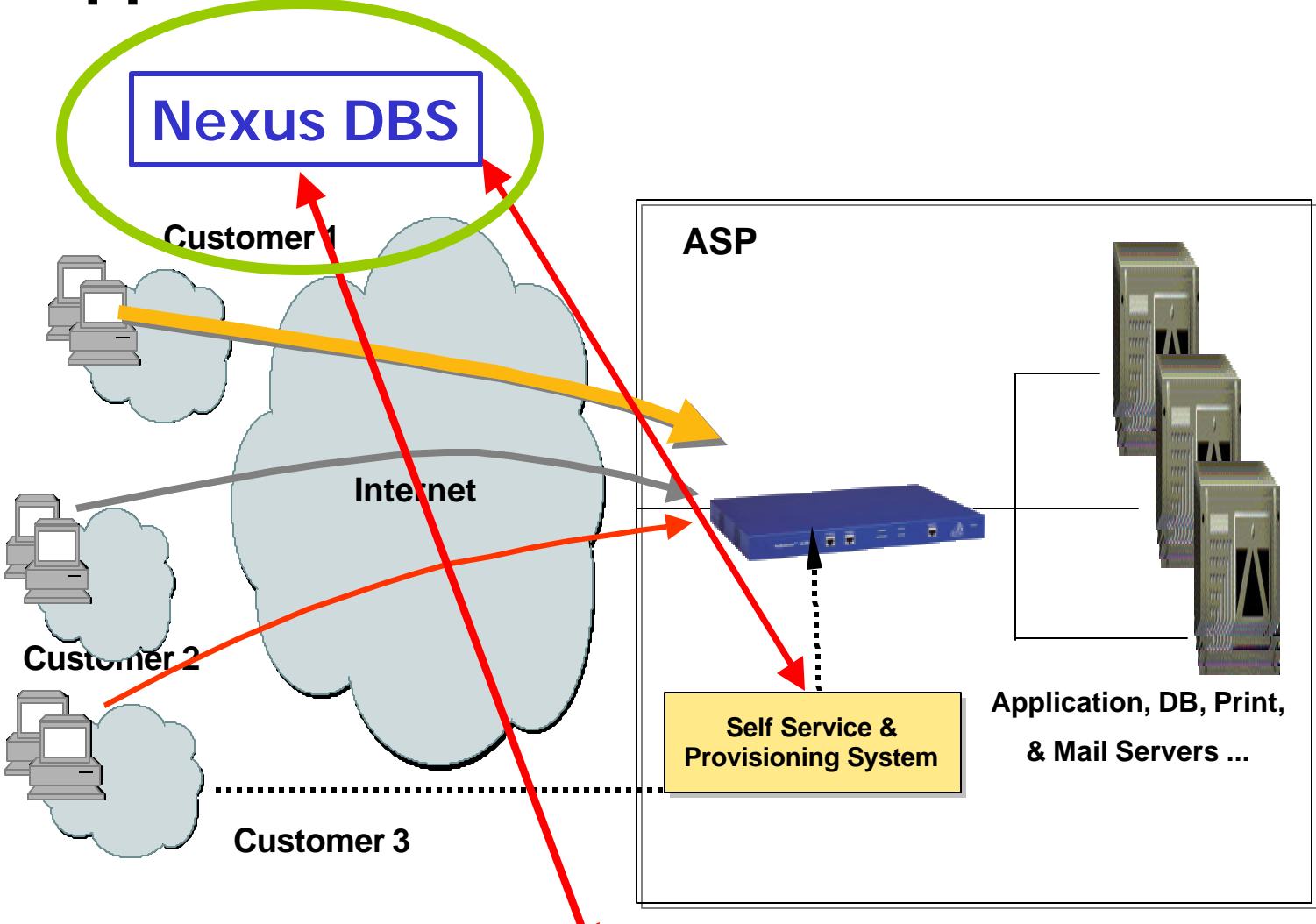


Application Service Provider

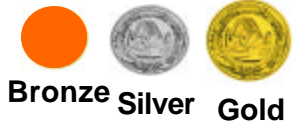
Your benefits:

- > You can charge customers by service usage: by type of used application, by throughput or by SLA applied
- > Prioritize customers' access to applications and reserve a faster access for high value clients
- > Sell additional self services and time based access schedules to applications

Application Service Provider



Web-based customer self services for all users



We work to improve your network

ne
Electricity
SLAS PR
XP RS
Water
SMS
UM AT
Gas
M
S
www.nexus-ag.com

Page 15



Features - Self Service Bandwidth Management

- > Web based customer self services for private & business clients
- > Capability to link services (e.g. video streaming) to predefined bandwidths
- > Fully automated service activation (from service order to service activation and confirmation)
- > Reservation of additional bandwidths by calendar date & time
- Optional IP Accounting Module with usage based billing capabilities (by usage time or transmitted data volume)

Architecture - Self Service Bandwidth Mgmt.

