

National Number Portability :

The real game changer... its HUGGGGE

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Richard Shockey
Chairman SIP Forum
Shockey Consulting LLC
Member FCC North American
Numbering Council [NANC]

richard@shockey.us
+1 703 593 2683

- Work in progress
- Disclaimer: The following opinions are those of a deranged, raving lunatic and do not necessarily reflect the opinions of the SIP Forum or its member companies..

► What has the FCC Done?

History... A small group of smaller wireless carriers started agitating about this 2 years ago. The argument was they were losing business since no one could port their number in if they were out of LATA. National roaming with the big 4 was anti-competitive. Rural Congresscritters agreed. Petitioned FCC Chair Tom Wheeler and then the NANC took on the issue. NANC agreed then the FCC sat on it until now.

IMHO Biggest change in call control since the introduction of LNP itself.

The FCC Dockets access via FCC ECFS

Nationwide Number Portability WC 17-244

Numbering Policies for Modern Communications WC 13-97

Talking points memo ..

- All Call Query across the board on Origination. Every call has to be dipped in the network and the INVITE rewritten. You can't get away from it. ByeBye N-1. Many products out there.
- The Routing Engine becomes the true Service Control Point in the network.
- The NPAC becomes the true national numbering database. The LERG ???.
- The End of Reciprocal Compensation across the board and a national model full bill and keep. We were almost there anyway. Mobile calls and almost all Cable and Interconnected SIP calls are bill and keep even now. You can imagine the rural carriers having some indigestion about this. The end btw of traffic pumping schemes.
- Maybe National 10 digit dialing. Again, the small states will go nuts. ME VT NH DE RI SD ND WY AK all those states with single NPA's. It does increase the size of the NANP by 20% automagically since you can have 0-1 in the D digit NPA NXX where the second N is D.

Talking points memo #2

- Tandems are dead.
- LATA's and Rate Centers will be gone.
- Cable mobile and SIP based landline aka FIOS and ATT can implement this pretty quickly. Remember 7-9% of the population moves every year according to the census bureau.
- Smaller wireless carriers have a chance to capture market share.
- Phone numbers can become “persistent identifiers” for all sorts of services we once thought about when I was flogging ENUM at 4:30 Thurs at VON conferences in the 2000's
- Assists with the robocall spoofing problem since people don't change their phone numbers you eliminate the disconnect but not reassigned number problem.
- Forces the technology transitions issue. If you have TDM now you need to call the recycle guys now and arrange for a pick up. Recycle all those gold connectors on the 5E's and DMS platforms.

Now what.

