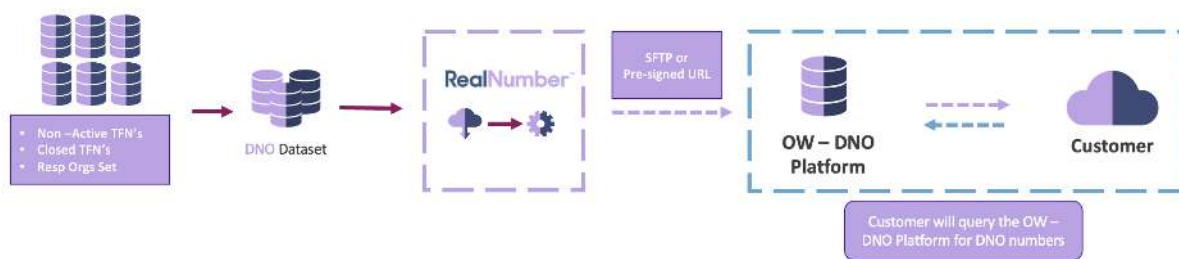


## ORCA WAVE AND SOMOS HELP PREVENT ROBOCALL SCAMS WITH DNO PARTNERSHIP

As an authorized distribution partner, Orca Wave's product suite offers Somos number management platforms including RouteLink, TFN Identity, and RealNumber DNO. A "Do Not Originate" list is a listing of phone numbers that have been identified as spoofed and being used to facilitate illegal, fraudulent or otherwise malicious traffic. These are in-bound only numbers that should never originate calls, as well as numbers that are unassigned or unallocated. Aimed at helping stop robocall scams that are internationally initiated, updated rules provide a multi-pronged approach to combating telecom fraud, including more stringent call authentication requirements. In particular, to help ensure that illegal, foreign-originated calls entering the U.S. marketplace are properly blocked, the FCC mandated that International Gateway Providers reference a "reasonable" Do Not Originate list when routing calls.



## ORCA WAVE'S BLUE WATER DNO ARCHITECTURE ALLOWS

- Carriers and Resp Orgs a simple way to indicate Toll Free and Local Numbers that do NOT currently originate traffic (Free of Charge)
- Easily consumed and integrated with existing systems for increased fraud detection and analytics.
- Customer capability to query the Orca Wave - DNO Platform for DNO numbers
- Orca Wave provides easy to use APIs for the DNO service

## CURRENT DNO STATS

### Over 4 Billion numbers and counting!

- **14 Million Non-Active TFN's**
- **14 Million Closed TFN Codes**
- **1.7m Resp Org Set TFN's**
- **4+ Billion Local Numbers**



### Local RealNumber DNO

Unassigned NPAs, NPA-NXXs, Non-Contaminated NPA-NXX-X-s, and Non-Contaminated DIDs from available contaminated blocks.

SPID owners can manual set DNO on their local numbers

Orca Wave is an experienced team of telecom professionals whom have worked together in the international and domestic telecom space since 1997. In 2002, Orca Wave was formed by John Rivenburgh and Jeri Wait. Orca Wave's BlueWater Software provides real time, intelligent solutions, architected to accelerate any world class carrier to global leader, as measured by quality, profit and revenue. To date the software platform has been the engine for some of the leading Global Carriers and Innovative new market entrants that are wholesale, wireless, application and VoIP providers.