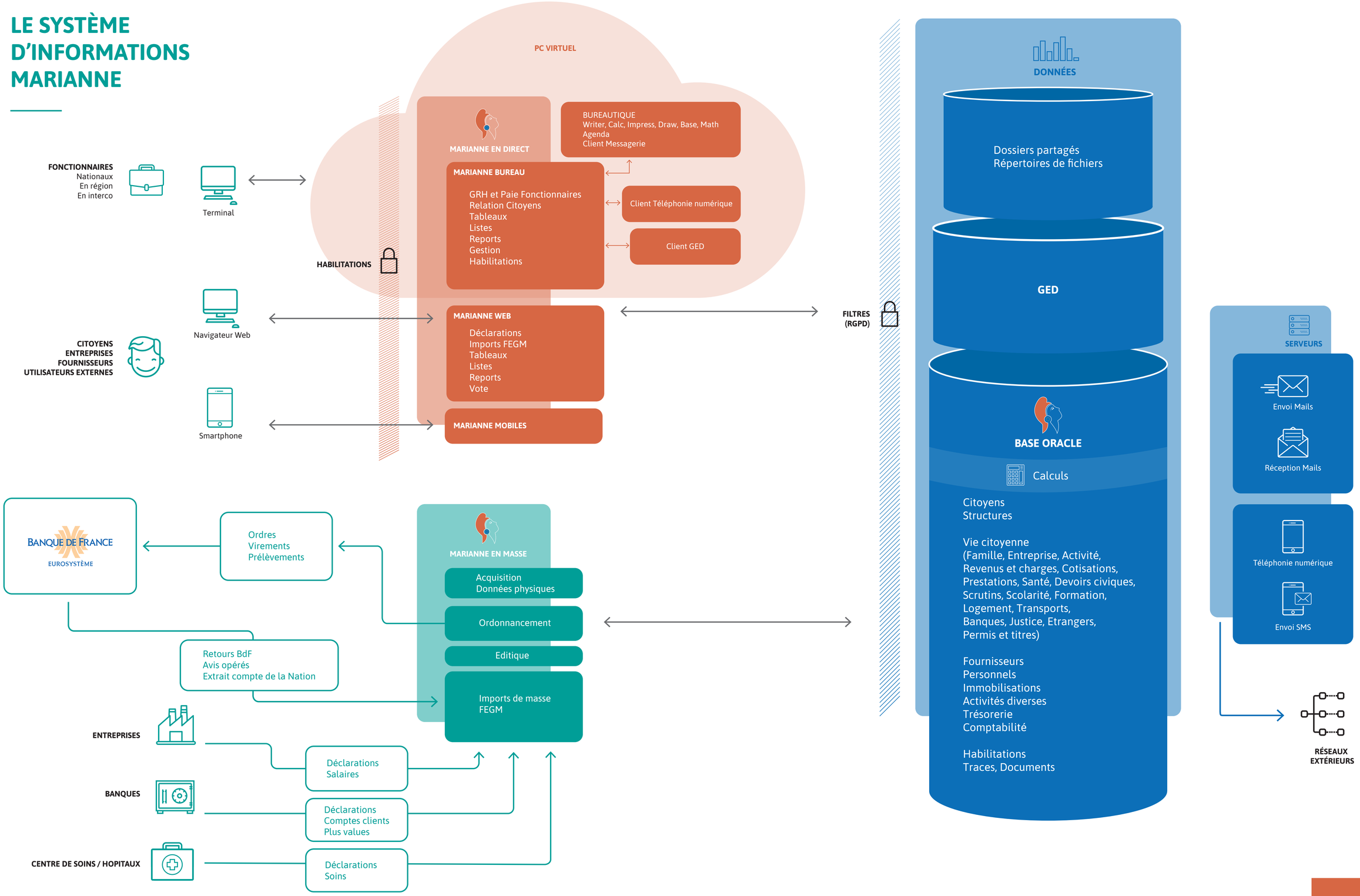LE SYSTÈME D'INFORMATIONS MARIANNE