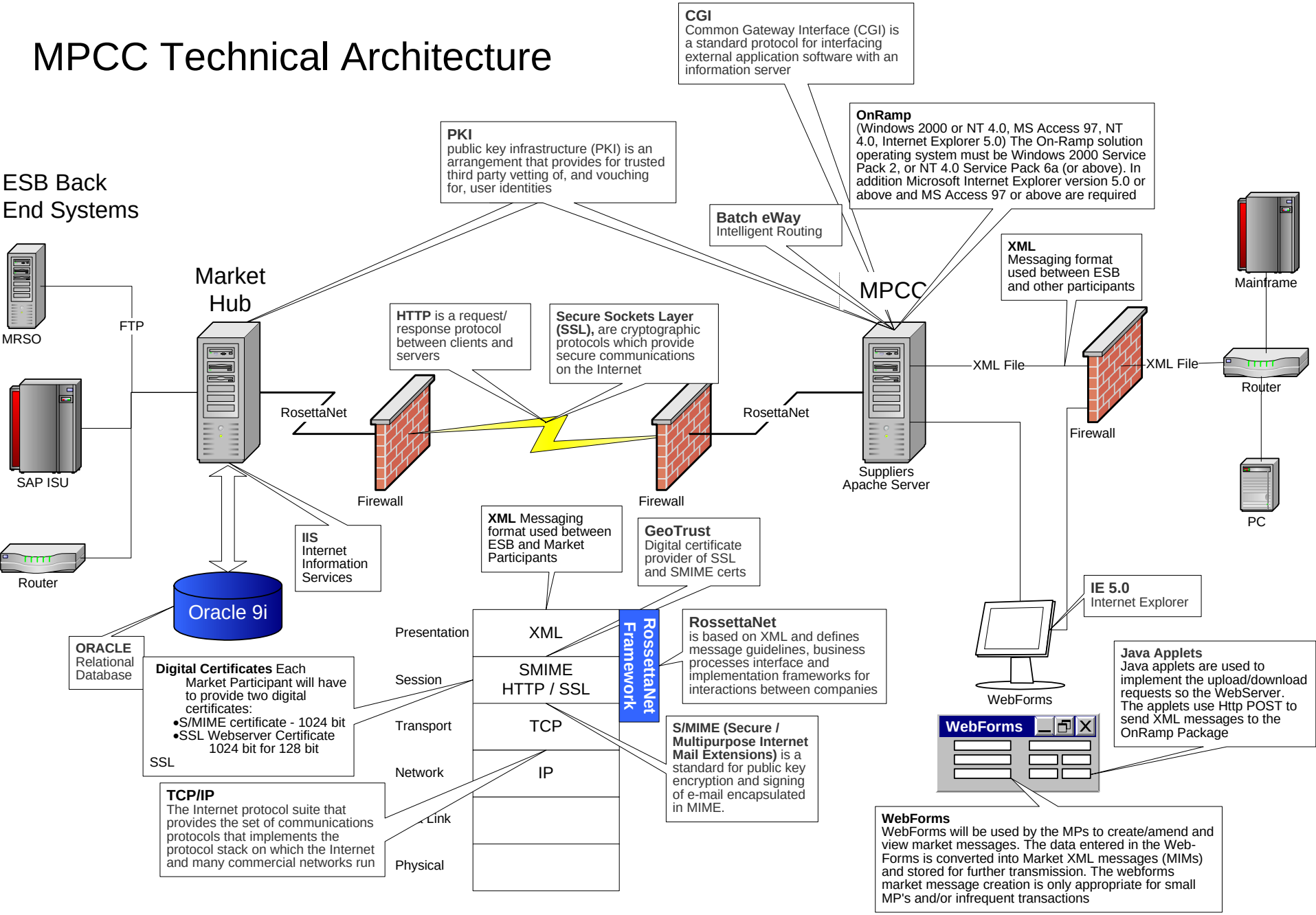MPCC Technical Architecture