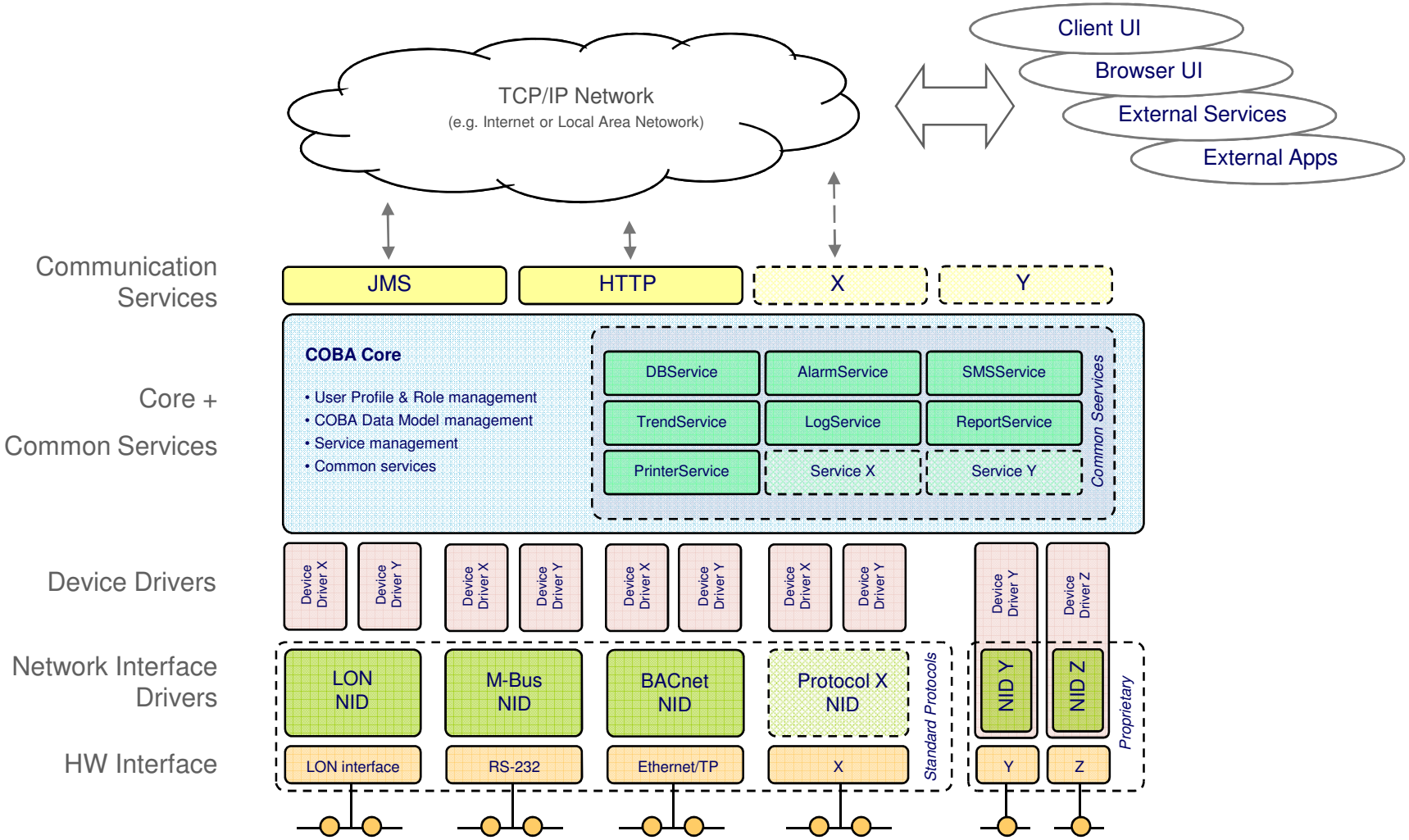COBA Server Architecture