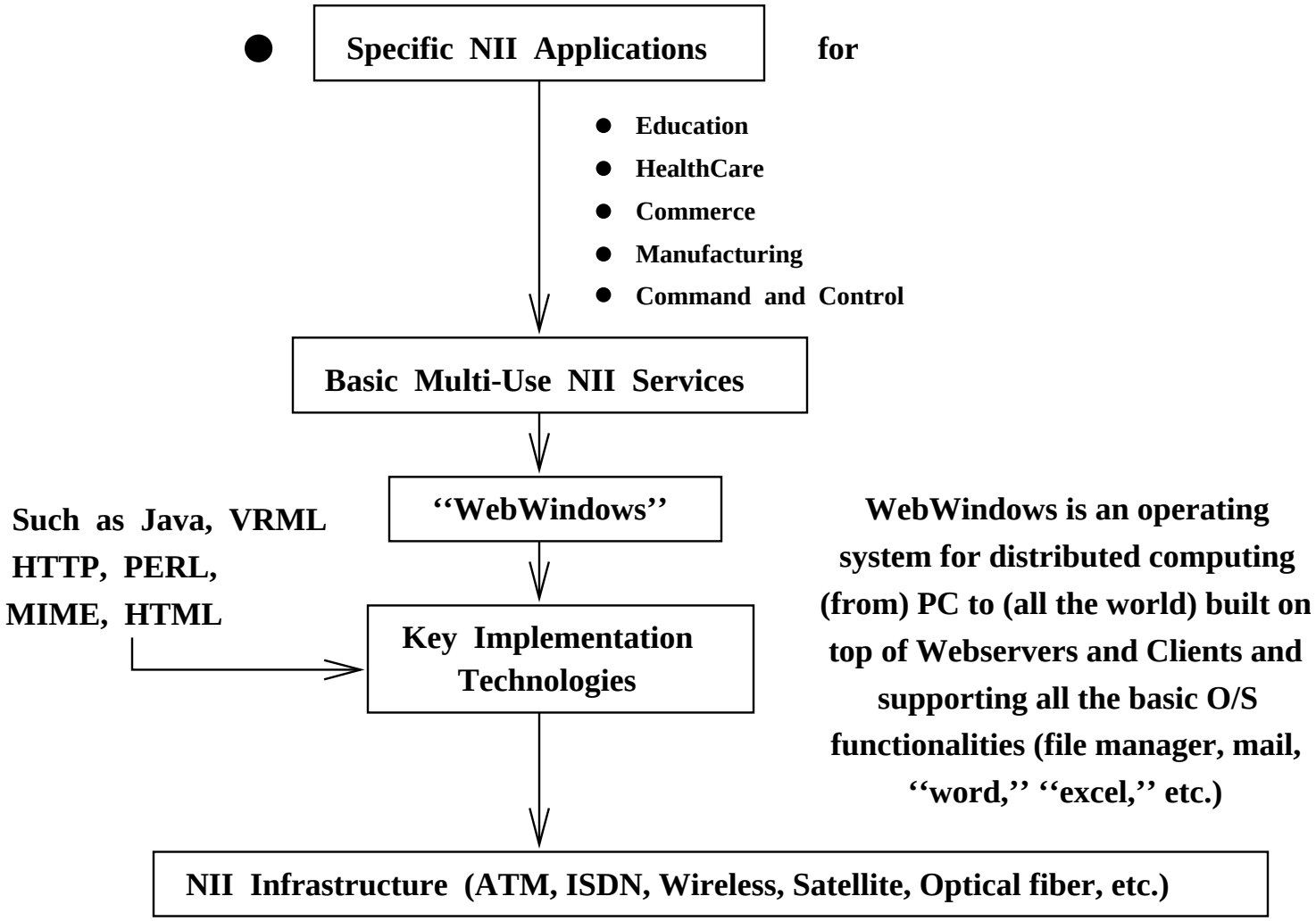Architecture of the NII