Table 4: Industrial HPCC Applications 23 to 24 for Information Access *InfoVision*—**Information, Video, Imagery and Simulation on Demand**

Item	Application Area	Comments	Problem Structure	Machine & Software
23	**Imagery on Demand** • Kodak GIODE • "clip art" on demand • Medical images • Satellite images	Multimedia database Image Understanding for Content searching and (terrain) medical feature identification	Metaproblem Embarrassingly Parallel plus Loosely Synchronous Image Understanding	MIMD but much SIMD image analysis
24	**Simulation on Demand** • Education, Tourism, City planning, • Defense mission planning	Multimedia map database Generalized flight simulator Geographical Information System	Synchronous terrain rendering with Asynchronous Hypermedia	SIMD terrain engine (parallel rendering) MIMD database **Integration** software