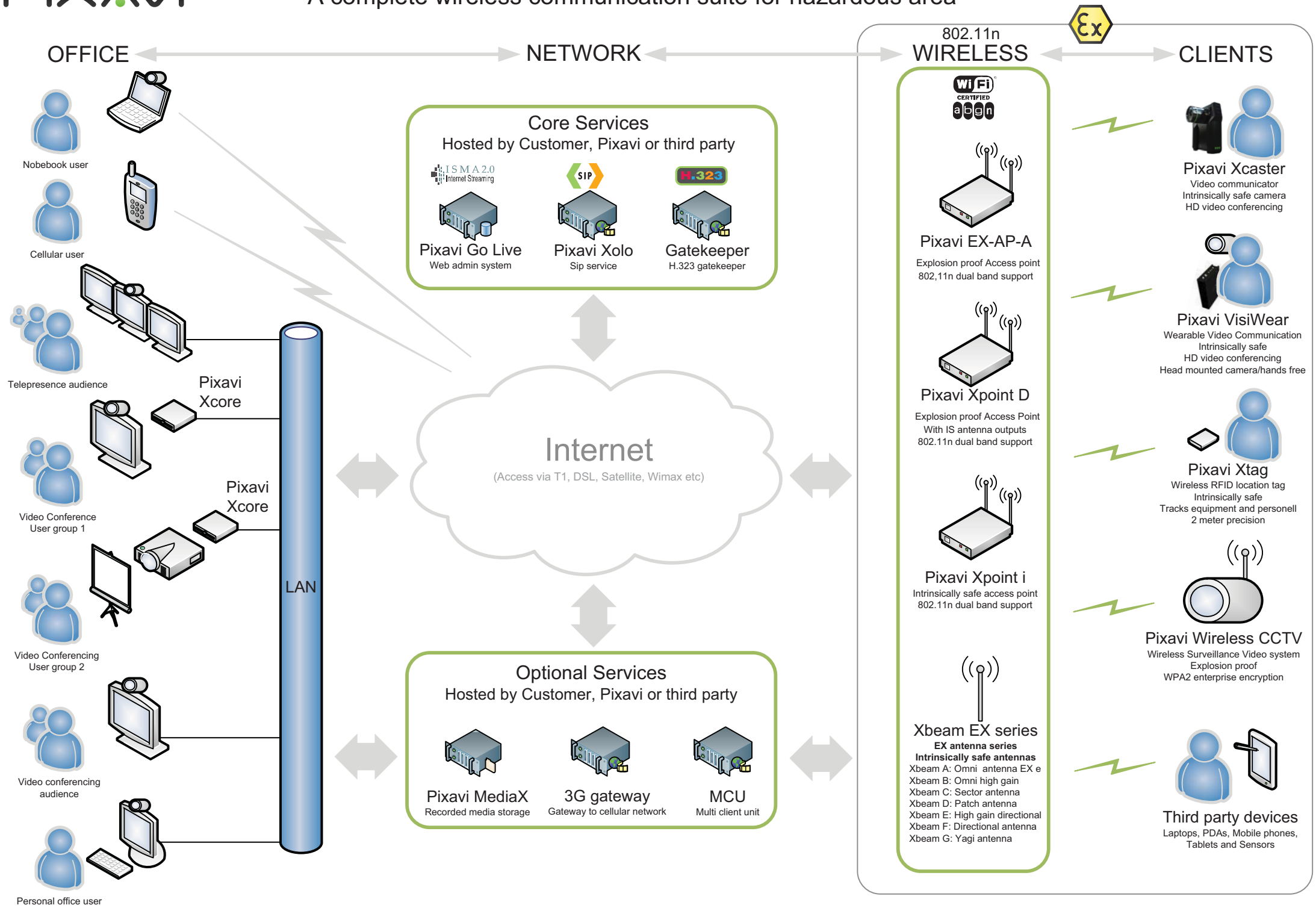A complete wireless communication suite for hazardous area