

IoT Device or System	FRE 902(5)	FRE 902(b)(9)	FRE 907(7)	FRE 902(11)	FRE 901(b)(1)	FRE 901(b)(3)	FRE 901(b)(4)
	Official Publications (Public Hearsay) or under Sunshine laws.	System or process capable of producing a reliable result.	Self-Authentication by Inscription, signs, tags or labels /User or Device ID Block, data showing origination, closed accounts within protected or secured network organized by users, mobile application account holders with secured login and passwords.	Authentication by regularly conducted business – regular business record in the course of business or data in the performance of software and/or database process and functions (when third party or within own network).	Person with personal knowledge (whether this knowledge be technical or content and circumstance driven). 30(b)(6) Witness of IoT Service Provider	Expert testimony or comparison with authenticated examples or sampling; expert testimony and comparison with authenticated example based upon expert review.	Distinctive characteristics and circumstantial evidence of distinctive characteristics
IoT Timestamps		√	√	√	√		√
IoT Logs		√	√	√	√		√
Device Pings to Network			√	√	√		√
Sensor Data		√	√	√	√	√	√
Communication Records			√	√	√		
Device Metadata		√		√	√		
User Interaction Data			√	√	√		√
Location Data		√	√	√	√	√	√
Wearable IoT Device (data not software)			√	√	√		
Healthcare IoT		√	√	√	√	√	√
Smart Home Systems			√	√	√		√
Connected Vehicles		√	√	√	√	√	√
Retail IoT		√	√	√	√		√
Industrial IoT		√	√	√	√		√
Smart Cities (Sensors)	√	√	√	√	√	√	√
Smart Cities (Network data)	√			√	√		
Smart Cities (Logs)			√	√	√		√
Environmental Monitoring data (Private Service)		√		√	√		√
Environmental Monitoring data (Government)	√	√	√	√	√		√
Energy Management data		√	√	√	√	√	√
Agricultural IoT data		√	√	√	√	√	√
Criminal Court Ordered Home Detention Monitoring Devices		√	√	√	√		√