

19795-5:2011

*“Access control scenario and grading scheme”*

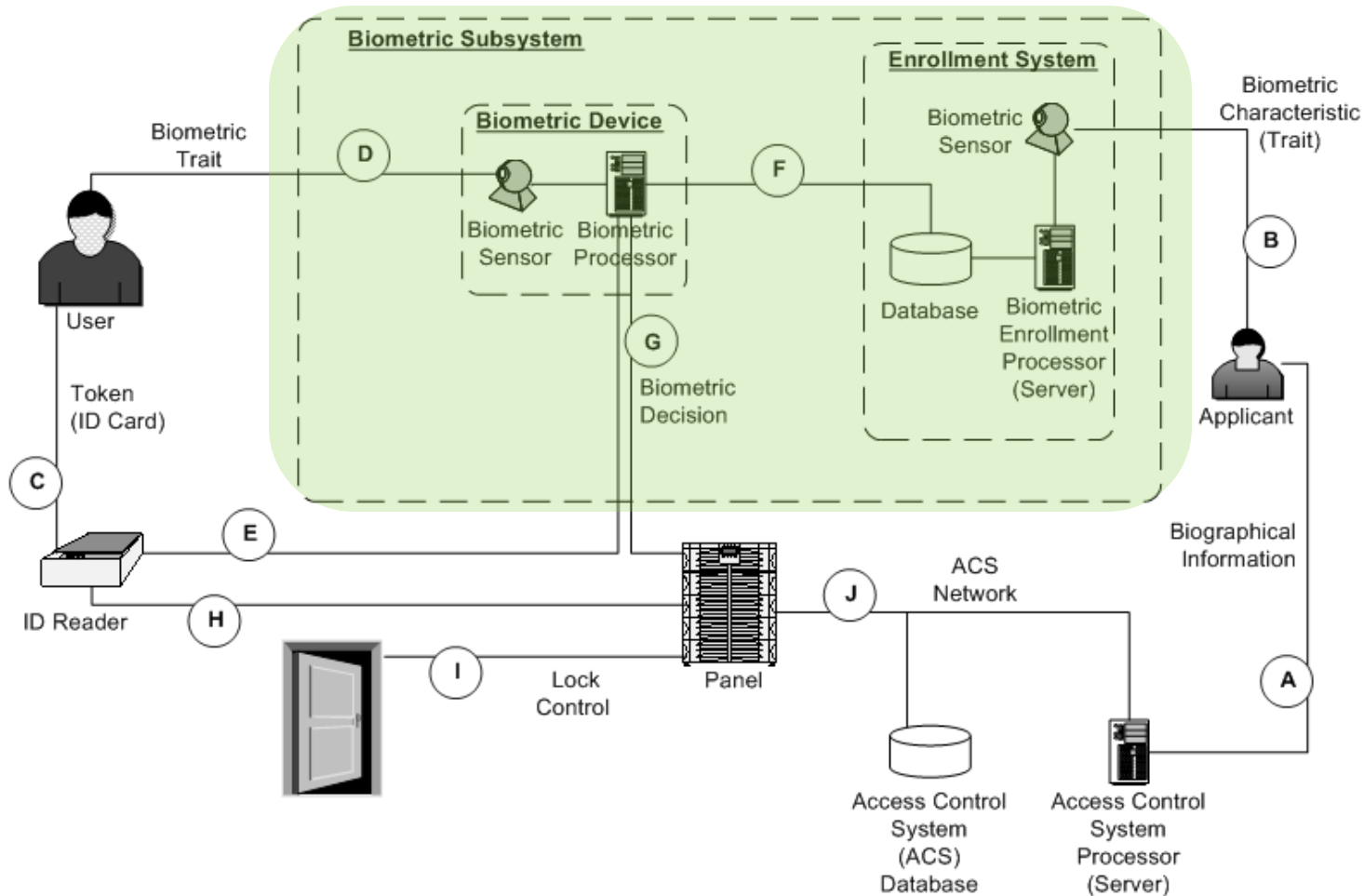
*Rick Lazarick, Editor*

# What makes Part 5 different?

- Special case of Scenario test (part 2)
- Focus on Access Control
- Grading scheme<sup>1</sup> (multi-purpose and reusable)
  - Used for test reporting and requirements specification
  - One test – many consumers

<sup>1</sup> NVLAP 150-25, Scope 30GPT

# Isolates the Biometric part from the PACS



# Grading Quantified

GRADE	FTE	FRR* +	TIME*
0	>7.7%	>7.00%	>6 sec
1	<7.7%	<7.00%	<6 sec
2	<3.5%	<5.00%	<5 sec
3	<1%	<3.33%	<4 sec
4		<2.00%	<3 sec
5		<1.00%	
6		<0.33%	

\* Graded at FAR = 0.1%. 0.3% and 1.0%  
 + Graded for single attempt and transaction

Table 8 — Sample summary of test results for all grades

Target FAR	0.1%	0.3%	1.0%
FRR Grade	3	4	5
Threshold value	120	97	90
FRR_1 Grade	2	3	4
Threshold value_1	98	73	64
FTE Grade	3		
Transaction time Grade	1	2	4

# The Benefits of Grading

- “One size fits many” – multiple consumers, re-usable
- Standardized practices support “Third Party” testing\*
- **Test results are comparable across products (modalities and models), across time, and between testing organizations (termed “Universality”)**
- Reduced overall testing costs

*“By standardising the test protocol and the quantification of performance into simple grade levels, the results of one product test can be leveraged by multiple users in different applications.”*