

Tag one step left, and one step right ...

Identifying with more than one RFID tag

To date:

- Just one RFID tag on either carton or shoe
- Support of basic use cases (stock-taking, goods receiving, etc.)

Instance/entity	Indicator digit	SGTIN filter value
Trade item (one tag on any shoe or the carton)	0	1



Taking the example of GTIN '04012345123456' and serial number '9876', the corresponding EPC Tag URI looks like this: `urn:epc:tag:sgtin-96:1.4012345.012345.9876`

In the future:

- Enabling users to distinguish the left and right shoe
- Empowering many advanced use cases, e.g. automation of production, shoe matching and acceleration of customer returns

- Supporting all presentation forms in the shoe sector →



...

- Solution approach in a nutshell:

- Leveraging GTIN Indicator Digit
- Making use of RFID Filter Values

Instance/entity	Indicator Digit	SGTIN Filter Value
Left-hand shoe (with dedicated tag)	7	7
Right-hand shoe (with dedicated tag)	8	

Trade item GTIN 04012345123456

Right shoe GTIN 84012345123452

Left shoe GTIN 74012345123455



Taking the example of serial number '777', the corresponding EPC Tag URI looks like this:

`urn:epc:tag:sgtin-96:7.4012345.812345.777`

`urn:epc:tag:sgtin-96:7.4012345.712345.777`

