[eSeal/eAgile]

TITLE	eAgile develops RFID security cap to track pharmaceutical products
COMPANY / ORGANIZATION	
KEYWORDS	Medical, health, RFID, security, counterfeit, tamper, safety
INDUSTRY AREA(S) AFFECTED	**Pharmaceuticals – storage, transportation, use** **Supply chain monitoring**
ISSUE ADDRESSED	According to eAgile, 400,000 cases of illness and death are caused by medical errors per year in the U.S. - many of which are the result of patients taking incorrect medication or at incorrect doses. Counterfeit products can also make their way into the supply chain, posing a serious health and safety risk to patients.
SOLUTION	RFID technology company eAgile has announced the creation of a marketing solution called eSeal, a cap that automatically tracks medication containers from its manufacturing point to the pharmacy or to the hands of a patient. The eSeal integrates an encoded RFID inlay between the closure and seal of the product. When attached to a bottle of medication, it can then be tracked throughout the supply chain through eAgile's software. To do this, the eSeal cap is produced with an *Impinj* passive UHF RFID chip. The chip contains a unique identifier that can be connected with the associated product's name, strength, serial number, batch number, and the date and location of its production. The chip within the eSeal can also be programmed to stop functioning after its seal has been broken, serving as an alert that indicates possible tampering with the bottle.
EXPECTED BENEFITS	**Improved security:** eAgile's eSeal enables manufacturers, medical staff, etc., to track individual bottles of medication from the point of its production to the moment it reaches a patient providing a security measure against any tampering, including whether a bottle has gone missing, a counterfeit has been used to replace an authentic bottle, or if the bottle had been opened prior to delivery.
CASE LINK	AIPIA, *Cap has Integrated RFID to Track Medicines* http://www.aipia.info/news-Cap-has-Integrated-RFID-to-Track-Medicines-546.php RFID Journal, *Neutraceutical Company to Use eAgile's RFID Solution to Track Its Products* http://www.rfidjournal.com/articles/view?14038
CONTACT INFORMATION	**eAgile Inc.** 1100 Hynes Ave SW Suite C2 Grand Rapids MI 49507 USA **Phone:** +1 (616) 243 1200 **Email:** info@eagile.com