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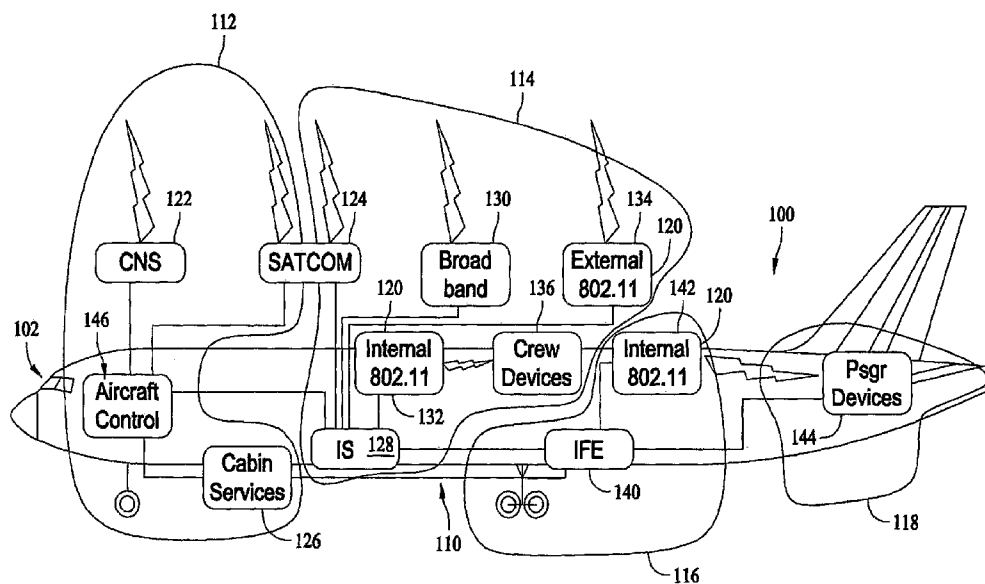
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(57) Abstract: Methods and systems for alerting airline personnel to potential aircraft data network security breaches is provided. The airline personnel includes at least one of flight crew personnel and maintenance crew personnel. The method includes detecting and categorizing potential aircraft data network security breaches, and recording said potential aircraft data network security breaches within an aircraft's existing crew alerting and maintenance data storage and reporting system.

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