

Governance Policies *in Your Own Words*™

- You are the policy officer. So you (and *not* IT) are responsible for creating and managing auditable policies.
- With XpressRules® you simply click to create policies in your own words:

XpressRules® RuleBuilder - HL7 Consent Directive (Alice--UMA)

I, **Alice Everyperson**, **authorize** **San Francisco General Hospital or Kaiser Permanente Oakland Medical Center** until **05/22/2015** to **reincorporate or disclose electronically**

to a(n) **Doctor or requesting party** the following information: **HIV lab reports or medications list or Continuity of Care Document (CCD)**, the purpose of this disclosure is to **enable payment or determine my eligibility for insurance coverage**.

Check all
 Uncheck all
 reincorporate
 disclose electronically
 transmit paper records only
 disclose by any means

Submit to Server

100%

XPRESSRULES®

For Use Under U.S. Patent No. 8,532,978

- In just seconds XpressRules creates the rest:

Machine-executable XACML 3.0 . . .

```
<!-- Operation -->
<xacml3:AnyOf>
<xacml3:AllOf>
<xacml3:Match MatchId="urn:oasis:names:tc:xacml:1.0:function:string-equal">
<xacml3:AttributeValue DataType="http://www.w3.org/2001/XMLSchema#string">reincorporate</xacml3:AttributeValue>
<xacml3:AttributeDesignator AttributeId="urn:oasis:names:tc:xacml:2.0:action:operation"
DataType="http://www.w3.org/2001/XMLSchema#string"
Category="urn:oasis:names:tc:xacml:3.0:attribute-category:action"
MustBePresent="false"/>
</xacml3:Match>
</xacml3:AllOf>
</xacml3:AnyOf>
<!-- Receiver -->
<xacml3:AnyOf>
<xacml3:AllOf>
<xacml3:Match MatchId="urn:oasis:names:tc:xacml:1.0:function:string-equal">
<xacml3:AttributeValue DataType="http://www.w3.org/2001/XMLSchema#string">disclose electronically</xacml3:AttributeValue>
<xacml3:AttributeDesignator AttributeId="urn:oasis:names:tc:xacml:2.0:action:operation"
DataType="http://www.w3.org/2001/XMLSchema#string"
Category="urn:oasis:names:tc:xacml:3.0:attribute-category:action"
MustBePresent="false"/>
</xacml3:Match>
</xacml3:AllOf>
</xacml3:AnyOf>
<xacml3:AllOf>
<xacml3:Match MatchId="urn:oasis:names:tc:xacml:1.0:function:string-equal">
<xacml3:AttributeValue DataType="http://www.w3.org/2001/XMLSchema#string">Doctor</xacml3:AttributeValue>
<xacml3:AttributeDesignator AttributeId="urn:oasis:names:tc:xacml:2.0:resource:receiver-organization"
DataType="http://www.w3.org/2001/XMLSchema#string"
Category="urn:oasis:names:tc:xacml:3.0:attribute-category:resource"
MustBePresent="false"/>
</xacml3:Match>
</xacml3:AllOf>
</xacml3:AllOf>
<xacml3:Match MatchId="urn:oasis:names:tc:xacml:1.0:function:string-equal">
<xacml3:AttributeValue DataType="http://www.w3.org/2001/XMLSchema#string">requesting party</xacml3:AttributeValue>
<xacml3:AttributeDesignator AttributeId="urn:oasis:names:tc:xacml:2.0:resource:receiver-organization"
DataType="http://www.w3.org/2001/XMLSchema#string"
Category="urn:oasis:names:tc:xacml:3.0:attribute-category:resource"
MustBePresent="false"/>
</xacml3:Match>
</xacml3:AllOf>
</xacml3:AllOf>
```

. . . or JSON

```
{
  "resources": {
    "resource-owner": "St Jude Childrens Research",
    "resource-type": "HIV lab reports"
  },
  "actions": {
    "action": {
      "action-type": "reincorporate",
      "action-purpose": "enable payment"
    }
  },
  "recipients": {
    "recipient": {
      "recipient-type": "Doctor"
    }
  },
  "rule": {
    "Id": "ConsentDirectiveRule.1.0.1",
    "effect": "Permit"
  },
  "conditions": {
    "condition": {
      "condition": {
        "Id": "expiration-date",
        "Value": "02/03/2015"
      }
    }
  }
}
```

- So manage *policies*, not *code*.

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