# Incident

**Incident**
- [] DetectTime (0..1)
- [] StartTime (0..1)
- [] EndTime (0..1)
- [] ReportTime (1..1)
- [ML_STRING] Description (0..*)
- [ENUM] purpose (Required)
- [STRING] ext-purpose (Optional)
- [ENUM] lang (Optional)
- [ENUM] restriction (Optional)

**AlternativeID**
- [ENUM] restriction (Optional)

**RelatedActivity**
- [URL] URL (1..*)
- [ENUM] restriction (Optional)

**IncidentID**
- [STRING] name (Required)
- [STRING] instance (Optional)
- [ENUM] restriction (Optional)

**History**
- [ENUM] restriction (Optional)

**HistoryItem**
- [] DateTime (1..1)
- [ML_STRING] Description (0..*)
- [ENUM] restriction (Optional)
- [ENUM] action (Required)
- [STRING] ext-action (Optional)

**Email**
- [ENUM] meaning (Optional)

**RegistryHandle**
- [ENUM] registry (Required)
- [STRING] ext-registry (Optional)

**PostalAddress**
- [ENUM] meaning (Optional)
- [ENUM] lang (Required)

**Contact**
- [ML_STRING] ContactName (0..1)
- [ML_STRING] Description (0..*)
- [] Telephone (0..*)
- [] Fax (0..1)
- [TIMEZONE] Timezone (0..1)
- [ENUM] role (Required)
- [STRING] ext-role (Optional)
- [ENUM] type (Required)
- [STRING] ext-type (Optional)
- [ENUM] restriction (Optional)

**RecordPattern**
- [ENUM] type (Required)
- [STRING] ext-type (Optional)
- [INTEGER] offset (Optional)
- [ENUM] offsetunit (Optional)
- [STRING] ext-offsetunit (Optional)
- [INTEGER] instance (Optional)

**RecordItem**
- [ENUM] dtype (Required)
- [STRING] ext-dtype (Optional)
- [STRING] meaning (Optional)
- [STRING] formatid (Optional)
- [ENUM] restriction (Optional)

**RecordData**
- [] DateTime (0..1)
- [ML_STRING] Description (0..*)
- [ENUM] restriction (Optional)

**Expectation**
- [ML_STRING] Description (0..*)
- [] StartTime (0..1)
- [] EndTime (0..1)
- [ENUM] restriction (Optional)
- [ENUM] severity (Optional)
- [ENUM] action (Optional)
- [STRING] ext-action (Optional)

**EventData**
- [ML_STRING] Description (0..*)
- [] DetectTime (0..1)
- [] StartTime (0..1)
- [] EndTime (0..1)
- [ENUM] restriction (Optional)

**Record**
- [ENUM] restriction (Optional)

**AdditionalData**
- [ENUM] dtype (Required)
- [STRING] ext-dtype (Optional)
- [STRING] meaning (Optional)
- [STRING] formatid (Optional)
- [ENUM] restriction (Optional)

**Application**
- [URL] URL (0..1)
- [STRING] swid (Optional)
- [STRING] configid (Optional)
- [STRING] vendor (Optional)
- [STRING] family (Optional)
- [STRING] name (Optional)
- [STRING] version (Optional)
- [STRING] patch (Optional)

**Method**
- [ML_STRING] Description (0..*)
- [ENUM] restriction (Optional)

**Reference**
- [ML_STRING] ReferenceName (1..1)
- [URL] URL (0..*)
- [ML_STRING] Description (0..*)

**TimeImpact**
- [ENUM] severity (Optional)
- [ENUM] metric (Required)
- [STRING] ext-metric (Optional)
- [ENUM] duration (Required)
- [STRING] ext-duration (Optional)

**MonetaryImpact**
- [ENUM] severity (Optional)
- [STRING] currency (Required)

**Confidence**
- [ENUM] rating (Required)

**Impact**
- [ENUM] lang (Required)
- [ENUM] severity (Optional)
- [ENUM] completion (Optional)
- [ENUM] type (Required)
- [STRING] ext-type (Optional)

**Assessment**
- [ENUM] occurrence (Optional)
- [ENUM] restriction (Optional)

**Service**
- [INTEGER] Port (0..1)
- [PORTLIST] Portlist (0..1)
- [INTEGER] ProtoCode (0..1)
- [INTEGER] ProtoType (0..1)
- [INTEGER] ProtoFlags (0..1)
- [INTEGER] ip_protocol (Required)

**Address**
- [ENUM] category (Required)
- [STRING] ext-category (Optional)
- [STRING] vlan-name (Optional)
- [STRING] vlan-num (Optional)

**NodeRole**
- [ENUM] category (Required)
- [STRING] ext-category (Optional)
- [ENUM] lang (Required)

**Node**
- [ML_STRING] NodeName (0..*)
- [ML_STRING] Location (0..1)
- [] DateTime (0..1)

**OperatingSystem**
- [URL] URL (0..1)
- [STRING] swid (Optional)
- [STRING] configid (Optional)
- [STRING] vendor (Optional)
- [STRING] family (Optional)
- [STRING] name (Optional)
- [STRING] version (Optional)
- [STRING] patch (Optional)

**System**
- [ML_STRING] Description (0..*)
- [ENUM] restriction (Optional)
- [ENUM] category (Required)
- [STRING] ext-category (Optional)
- [STRING] interface (Optional)
- [ENUM] spoofed (Optional)

**Flow**

**Counter**
- [ENUM] type (Required)
- [STRING] ext-type (Optional)
- [ENUM] duration (Optional)
- [STRING] ext-duration (Optional)