

December 6, 2013

The following changes were implemented to the D&B Direct 2.0 API:

Service	Version	Interface (s)	Change(s)
Firmographic Product Service	3.0 *NEW*	SOAP/REST	<p>1. Business elements were added to the following data layers: Detailed Company Profile, USA Patriot Act Plus, Alternative Detailed Company Profile. Details...</p> <p>2. To support upcoming changes to the delivery of PAYDEX data, several XPATH's have changed/were added to the OrderProduct response. Details...</p>
Monitoring Service	3.0 *NEW*	SOAP/REST	Linkage - Change Notice. The event information delivered when corporate linkage changes occur will now provide an explanation for each affected child company. Details...
Authentication Service	All	SOAP/REST	Implemented system generated usernames. The system will generate a unique username for accounts created after December 6, 2013. Prior to that date, the customer-supplied email address was used as the username. No change is required for existing credentials.
All Services	All	REST	Known issue resolved. JSON responses for error codes CM002, CM004, SC001 and SC006 may be incorrectly formatted.

Deprecated Service Versions

The following versions of the services listed have been upgraded with newer versions, however the older versions are still available and will be supported until December 6, 2015.

Service	Version	Explanation
Firmographic Product Service	2.1	Upgraded to version 3.0
Monitoring Service	2.0	Upgraded to version 3.0

If you need assistance implementing these changes, or have questions regarding the new features or business elements, please contact the D&B Direct Customer Support team at (866) 465-3829 or [submit an online request for assistance](#).

Firmographic Product Service - 3.0

The following changes were implemented as part of the December 6, 2013 update:

1.a. Business Elements added to the Detailed Company Profile:

Name	Description	XML*	JSON*
Bank Name	Text recording the name of the banking organization with whom the business subject maintains an account. [C]	SOAP	REST
Bonus - Current Amount	Bonus for the year, in requested currency. [C]	SOAP	REST
Current Compensation Year	Year of the current compensation details. [C]	SOAP	REST
Domestic Ultimate Country		SOAP	REST
Domestic Ultimate Postal Code	An identifier used by the local country postal authority to identify where the domestic ultimate is located.	SOAP	REST
Domestic Ultimate Street Address	Text recording the address number, or post office box number and street name where the domestic ultimate is located.	SOAP	REST
Domestic Ultimate Territory Abbreviated Name	Text recording the shortened name of the locally governed area which forms part of a centrally governed nation to identify where the domestic ultimate is located.	SOAP	REST
Domestic Ultimate Territory Name	Text recording the name of the locally governed area which forms part of a centrally governed nation to identify where the domestic ultimate is located.	SOAP	REST
Domestic Ultimate Town Name	Text recording the name of a city, town, township, village, borough, etc. where the domestic ultimate is located.	SOAP	REST
Employees at this Location	A number that defines how many people are directly engaged and paid by the organization to perform or support its business operations at this location.	SOAP	REST
Employees Here Reliability Text	Text that describes the integrity of the employee figures e.g. audited, actual, estimated, modeled.	SOAP	REST
Financial Statement Date	The date when the accounting period ended. If the Reliability Code denotes the figures are projected (future) then this is the date when the accounting period will end. [C]	SOAP	REST
Global Ultimate Country Code	The two-letter country code, defined by the International Organization for Standardization (ISO) ISO 3166-1 scheme identifying the country of the global ultimate business entity.	SOAP	REST

Name	Description	XML*	JSON*
Global Ultimate Postal Code	An identifier used by the local country postal authority to identify where the global ultimate is located.	SOAP	REST
Global Ultimate Street Address	Text recording the address number, or post office box number and street name where the global ultimate is located.	SOAP	REST
Global Ultimate Territory Abbreviated Name	Text recording the shortened name of the locally governed area which forms part of a centrally governed nation to identify where the global ultimate is located.	SOAP	REST
Global Ultimate Territory Name	Text recording the name of the locally governed area which forms part of a centrally governed nation to identify where the global ultimate is located.	SOAP	REST
Global Ultimate Town Name	Text recording the name of a city, town, township, village, borough, etc. where the global ultimate is located.	SOAP	REST
Head Quarters Country		SOAP	REST
Headquarters Postal Code	An identifier used by the local country postal authority to identify where the headquarters is located.	SOAP	REST
Headquarters Street Address	Text recording the address number, or post office box number and street name where the headquarters is located.	SOAP	REST
Headquarters Territory Abbreviated Name	Text recording the shortened name of the locally governed area which forms part of a centrally governed nation to identify where the headquarters is located.	SOAP	REST
Headquarters Territory Name	Text recording the name of the locally governed area which forms part of a centrally governed nation to identify where the headquarters is located.	SOAP	REST
Headquarters Town Name	Text recording the name of a city, town, township, village, borough, etc. where the headquarters is located.	SOAP	REST
Market Value Date	The date on which the Capital Amount was first registered.	SOAP	REST
Most Senior Principal - Current Bonus	Bonus of the most senior principal for the year, in requested currency.	SOAP	REST
Most Senior Principal - Current Compensation Year	Year of the current compensation details.	SOAP	REST
Most Senior Principal - Current Salary	Salary of the most senior principal the year, excluding bonus, in requested currency.	SOAP	REST
Most Senior Principal - Current Total Salary	Total compensation of the most senior principal for the year, including any bonus or other compensation, in requested currency	SOAP	REST

Name	Description	XML*	JSON*
Most Senior Principal Age	The age of the principal in years.	SOAP	REST
Most Senior Principal Current Position	Text identifying the business function of the principal derived from a standard Management Responsibility Code (MRC).	SOAP	REST
Most Senior Principal Current Position Start Date	The date when the principal or manager was appointed to this position. This is not necessarily the date when the principal or manager was first employed by the subject; this is simply the date when they moved to this position, e.g. due to a promotion.	SOAP	REST
Most Senior Principal First Name	Text recording the first name of the most senior principal. [C]	SOAP	REST
Most Senior Principal Last Name	Text recording the last name of the most senior principal. [C]	SOAP	REST
Most Senior Principal Middle Name	Text recording the middle name of the most senior principal. [C]	SOAP	REST
Parent Country		SOAP	REST
Parent Postal Code	An identifier used by the local country postal authority to identify where the parent company is located.	SOAP	REST
Parent Street Address	Text recording the address number, or post office box number and street name where the parent company is located.	SOAP	REST
Parent Territory Abbreviated Name	Text recording the shortened name of the locally governed area which forms part of a centrally governed nation to identify where the parent company is located.	SOAP	REST
Parent Territory Name	Text recording the name of the locally governed area which forms part of a centrally governed nation to identify where the parent company is located.	SOAP	REST
Parent Town Name	Text recording the name of a city, town, township, village, borough, etc. where the parent company is located.	SOAP	REST
Primary Stock Exchange Indicator	When set to TRUE it specifies that this is the most important stock exchange among all the stock exchanges where this subject's shares are traded. When set to FALSE it specifies that this is not the most important stock exchange among all the stock exchan	SOAP	REST
Principal Age	The age of the principal in years. [C]	SOAP	REST
Principal Current Position	Text identifying the business function of the principal derived from a standard Management Responsibility Code (MRC). [C]	SOAP	REST
Principal Current Position Start Date	The date when the principal or manager was appointed to this position. This is not necessarily the date when the principal or manager was first employed by the subject; this is simply the date when they moved to this position, e.g. due to a promotion. [C]	SOAP	REST
Principal First Name	Text recording the first name of the principal. [C]	SOAP	REST

Name	Description	XML*	JSON*
Principal Last Name	Text recording the last name of the principal. [C]	SOAP	REST
Principal Middle Name	Text recording the middle name of the principal. [C]	SOAP	REST
Profit or Loss Amount	A monetary figure that shows the difference between sales revenue and cost of sales before the deduction of selling, distribution, administration and other costs.	SOAP	REST
Profit or Loss Growth Rate	The rate of change in the difference between sales revenue and cost of sales before the deduction of selling, distribution, administration and other costs.	SOAP	REST
Salary - Current Amount	Salary for the year, excluding bonus, in requested currency [C]	SOAP	REST
Sales Turnover Growth Rate	The amount by which sales turnover increases over a given period of time as a percentage of its previous value.	SOAP	REST
Share Capital Amount	A monetary value representing the amount of Share Capital. Calculation is Price X Total Shares Outstanding. [C]	SOAP	REST
Subject Handling Text	Text specifying the manner in which the subject is to receive special care from D&B when it is being contacted; e.g. do not call or do not send information requests. In many cases this process was specifically requested by the subject. [C]	SOAP	REST
Total Assets	A monetary figure representing the total amount of assets considered to be convertible into cash within a relatively short period of time, usually a year. [C]	SOAP	REST
Total Employee Quantity	A number that defines how many people are directly engaged and paid by the organization to perform or support its business operations.	SOAP	REST
Total Employees Reliability Text	Text that describes the integrity of the employee figures e.g. audited, actual, estimated, modeled.	SOAP	REST
Total Salary - Current Amount	Total compensation for the year, including any bonus or other compensation, in requested currency [C]	SOAP	REST

1.b. Business Elements added to the USA Patriot Act Plus:

Name	Description	XML*	JSON*
Average High Credit- All Countries Except US & CA		SOAP	REST
Average High Credit- US & CA		SOAP	REST
D&B Paydex - US & CA	A calculated element summarizing the payment habits of a subject based on trade experiences obtained from its suppliers.	SOAP	REST
DNB Paydex - All Countries Except US & CA		SOAP	REST
Financial Statement Date	The date when the accounting period ended. If the Reliability Code denotes the figures are projected (future) then this is the date when the accounting period will end. [C] [M]	SOAP	REST
High Credit- All Countries Except US & CA		SOAP	REST

Name	Description	XML*	JSON*
High Credit- US & CA		SOAP	REST
Total Payment Experiences Used Count	The number of payment experiences that contributed to this payment index score. As an example the score may have been derived from 18 payment experiences from various suppliers.	SOAP	REST
Total Payment Experiences Used Count - All Countries Except US and CA	The number of payment experiences that contributed to this payment index score. As an example, the score may have been derived from 18 payment experiences from various suppliers.	SOAP	REST

1.c. Business Elements added to the Alternative Detailed Company Profile:

Name	Description	XML*	JSON*
Financial Statement Date	The date when the accounting period ended. If the Reliability Code denotes the figures are projected (future) then this is the date when the accounting period will end. [C] [M]	SOAP	REST

2. To support upcoming changes to the delivery of PAYDEX data, several XPATH's have changed/were added to the OrderProduct response.

The following fields were **added to** the Data Field Response:

Name	Characteristics
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading	Aggregate, Optional Records references or opinions in terms of the timeliness of payment, the amounts of the transactions and the terms of sale applied to the transactions and summarized views of this data that involves the subject either as a buyer or supplier of goods or services.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser	Aggregate, Optional Records trade data where the subject is a purchaser of good or services.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore	Aggregate, Optional Records subject's current Paydex Score. A calculated element summarizing the payment habits of a subject based on trade experiences obtained from its suppliers.

Name	Characteristics
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore. TwentyFourMonthsPaydex	Aggregate, Optional(Up to 2x) An entry loop which can repeat to allow the recording of the numeric value assigned to an organization by a D&B algorithm, assessing the organization's ability to meet future obligations of a particular monetary range based on the twenty four most recent months of trade experiences as of the current month, from different sources.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore. TwentyFourMonthsPaydex. PaydexScore	int up to 3 digits., Required A calculated element summarizing the payment habits of a subject based on trade experiences obtained from its suppliers over the last 3 months.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore. TwentyFourMonthsPaydex. TotalPaymentExperiencesUsedCount	long, Optional The number of payment experiences that contributed to this payment index score. As an example, the score may have been derived from 18 payment experiences from various suppliers.
END: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore. TwentyFourMonthsPaydex	/Aggregate
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore. GlobalPaydex	Aggregate, Optional(Up to 2x) An entry loop which can repeat to allow the recording of the numeric value assigned to an organization by a D&B algorithm, assessing the organization's ability to meet future obligations of a particular monetary range based on the trade experiences during a time period that cannot be specified.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore. GlobalPaydex. PaydexScore	int up to 3 digits., Required A calculated element summarizing the payment habits of a subject based on trade experiences obtained from its suppliers over the last 3 months.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore. GlobalPaydex. TotalPaymentExperiencesUsedCount	long, Optional The number of payment experiences that contributed to this payment index score. As an example, the score may have been derived from 18 payment experiences from various suppliers.

Name	Characteristics
END: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore. GlobalPaydex	/Aggregate
END: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore	/Aggregate
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData	Aggregate, Optional (Infinite) An entry loop which can repeat multiple times to allow the recording of the payment-based derived data that has been summarized for a purchaser. Each occurrence of this aggregate represents a single derived data element and its value.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwentyFourMonthsDataCoveragePayments	Aggregate, Optional Records the details of the data required to calculate the derived value considering twenty four months data.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwentyFourMonthsDataCoveragePayments. PaymentPeriodSummary	Aggregate, Optional (Infinite) An entry loop which can repeat to allow the recording of the results of summarizing the payments made by the subjects.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwentyFourMonthsDataCoveragePayments. PaymentPeriodSummary. PaymentsWithHighCredit	Aggregate, Optional Records the details of the highest amount from each of a subject's accounts that was extended to it on the expectation of payment within the agreed upon terms.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwentyFourMonthsDataCoveragePayments. PaymentPeriodSummary. PaymentsWithHighCredit. HighCreditMaximumAmount	decimal, Optional The greatest monetary figure owed to the supplier by the subject over the period of time specified by the Summary Period.

Name	Characteristics
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwentyFourMonthsDataCoveragePayments. PaymentPeriodSummary. PaymentsWithHighCredit. AverageHighCreditAmount	decimal , <i>Optional</i>
End: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwentyFourMonthsDataCoveragePayments. PaymentPeriodSummary. PaymentsWithHighCredit	/Aggregate
End: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwentyFourMonthsDataCoveragePayments. PaymentPeriodSummary	/Aggregate
End: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwentyFourMonthsDataCoveragePayments	/Aggregate
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. GlobalDataCoveragePayments	Aggregate , <i>Optional</i> Records the details of the data required to calculate the derived value without considering the period.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. GlobalDataCoveragePayments. PaymentPeriodSummary	Aggregate , <i>Optional (Infinite)</i> An entry loop which can repeat to allow the recording of the results of summarizing the payments made by the subjects.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. GlobalDataCoveragePayments. PaymentPeriodSummary. PaymentsWithHighCredit	Aggregate , <i>Optional</i> Records the details of the highest amount from each of a subject's accounts that was extended to it on the expectation of payment within the agreed upon terms.

Name	Characteristics
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. GlobalDataCoveragePayments. PaymentPeriodSummary. PaymentsWithHighCredit. HighCreditMaximumAmount	decimal , <i>Optional</i> The greatest monetary figure owed to the supplier by the subject over the period of time specified by the Summary Period.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. GlobalDataCoveragePayments. PaymentPeriodSummary. PaymentsWithHighCredit. AverageHighCreditAmount	decimal , <i>Optional</i>
End: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. GlobalDataCoveragePayments. PaymentPeriodSummary. PaymentsWithHighCredit	/Aggregate
End: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. GlobalDataCoveragePayments. PaymentPeriodSummary	/Aggregate
End: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. GlobalDataCoveragePayments	/Aggregate
End: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData	/Aggregate
END: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser	/Aggregate
END: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading	/Aggregate

The following fields were **removed from** the Data Field Response:

Name	Characteristics
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading	Aggregate, Optional Records references or opinions in terms of the timeliness of payment, the amounts of the transactions and the terms of sale applied to the transactions and summarized views of this data that involves the subject either as a buyer or supplier of goods or services.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser	Aggregate, Optional Records trade data where the subject is a purchaser of good or services.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore	Aggregate, Optional Records subject's current Paydex Score. A calculated element summarizing the payment habits of a subject based on trade experiences obtained from its suppliers.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore. TwelveMonthsPaydex	Aggregate, Optional(Up to 2x) An entry loop which can repeat to allow the recording of the numeric value assigned to an organization by a D&B algorithm, assessing the organization's ability to meet future obligations of a particular monetary range based on the twelve most recent months of trade experiences as of the current month, from different sources.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore. TwelveMonthsPaydex. PaydexScore	int up to 3 digits., Required [C] [M] A calculated element summarizing the payment habits of a subject based on trade experiences obtained from its suppliers over the last 3 months.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore. TwelveMonthsPaydex. TotalPaymentExperiencesUsedCount	long, Optional [C] The number of payment experiences that contributed to this payment index score. As an example, the score may have been derived from 18 payment experiences from various suppliers.
END: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore. TwelveMonthsPaydex	/Aggregate
END: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. CurrentPaydexScore	/Aggregate

Name	Characteristics
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData	Aggregate, Optional (Infinite) An entry loop which can repeat multiple times to allow the recording of the payment-based derived data that has been summarized for a purchaser. Each occurrence of this aggregate represents a single derived data element and its value.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwelveMonthsDataCoveragePayments	Aggregate, Optional Records the details of the data required to calculate the derived value considering twelve months data.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwelveMonthsDataCoveragePayments. PaymentPeriodSummary	Aggregate, Optional (Infinite) An entry loop which can repeat to allow the recording of the results of summarizing the payments made by the subjects.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwelveMonthsDataCoveragePayments. PaymentPeriodSummary. PaymentsWithHighCredit	Aggregate, Optional Records the details of the highest amount from each of a subject's accounts that was extended to it on the expectation of payment within the agreed upon terms.
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwelveMonthsDataCoveragePayments. PaymentPeriodSummary. PaymentsWithHighCredit. HighCreditMaximumAmount	decimal, Optional [C] [M+] The greatest monetary figure owed to the supplier by the subject over the period of time specified by the Summary Period. Monitor Path: //Organization /BusinessTrading /Purchaser /PurchaserDerivedData
OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwelveMonthsDataCoveragePayments. PaymentPeriodSummary. PaymentsWithHighCredit. AverageHighCreditAmount	decimal, Optional [C] [M+] Monitor Path: //Organization /BusinessTrading /Purchaser /PurchaserDerivedData
End: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwelveMonthsDataCoveragePayments. PaymentPeriodSummary. PaymentsWithHighCredit	/Aggregate

Name	Characteristics
End: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwelveMonthsDataCoveragePayments. PaymentPeriodSummary	/Aggregate
End: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData. TwelveMonthsDataCoveragePayments	/Aggregate
End: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser. PurchaserDerivedData	/Aggregate
END: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading. Purchaser	/Aggregate
END: OrderProductResponse. OrderProductResponseDetail. Product. Organization. BusinessTrading	/Aggregate

To take advantage of these new features and/or business elements, please refer to **Version 3.0** of the Firmographic Product Service in the [D&B Direct 2.0 API Reference](#).

Monitoring Service - 3.0

The following changes were implemented as part of the December 6, 2013 update:

1. The event information delivered when corporate linkage changes occur will now provide an explanation for each affected child company.

The following fields were **added to** the Data Field Response:

Name	Characteristics
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange	Aggregate, Optional
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. DUNSNumber	string up to 9 chars. Pattern: {[0-9]*}, Required
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. ChangeType	string, Required
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. ChangeReasonText	string up to 256 chars., Optional
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. ChangeReasonText@DNBCodeValue	Attribute
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. ChangeReasonText@DNBCodeTableNumber	Attribute
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. GlobalUltimateOrganization	Aggregate, Optional
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. GlobalUltimateOrganization. AssociationTypeText	string up to 256 chars., Optional Text that defines the nature of the relationship of the linked organization to the business subject, e.g., Parent, HQ, Joint Parent

Name	Characteristics
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. GlobalUltimateOrganization. AssociationTypeText@DNBCodeValue	Attribute
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. GlobalUltimateOrganization. AssociationTypeText@DNBCodeTableNumber	Attribute
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. GlobalUltimateOrganization. DUNSNumber	string up to 9 chars. Pattern: {[0-9]*} , <i>Required</i> The D-U-N-S Number is D&B's identification number, which provides unique identification of this organization, in accordance with the Data Universal Numbering System (D-U-N-S).
END: ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. GlobalUltimateOrganization	/Aggregate
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. FormerGlobalUltimateOrganization	Aggregate, Optional
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. FormerGlobalUltimateOrganization. AssociationTypeText	string up to 256 chars. , <i>Optional</i> Text that defines the nature of the relationship of the linked organization to the business subject, e.g., Parent, HQ, Joint Parent
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. FormerGlobalUltimateOrganization. AssociationTypeText@DNBCodeValue	Attribute
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. FormerGlobalUltimateOrganization. AssociationTypeText@DNBCodeTableNumber	Attribute

Name	Characteristics
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. FormerGlobalUltimateOrganization. DUNSNumber	string up to 9 chars. Pattern: {[0-9]*} , <i>Required</i> The D-U-N-S Number is D&B's identification number, which provides unique identification of this organization, in accordance with the Data Universal Numbering System (D-U-N-S).
END: ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. FormerGlobalUltimateOrganization	/Aggregate
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. UpwardFamilyMemberOrganization	Aggregate , <i>Optional</i>
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. UpwardFamilyMemberOrganization. AssociationTypeText	string up to 256 chars. , <i>Optional</i> Text that defines the nature of the relationship of the linked organization to the business subject, e.g., Parent, HQ, Joint Parent
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. UpwardFamilyMemberOrganization. AssociationTypeText@DNBCodeValue	Attribute
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. UpwardFamilyMemberOrganization. AssociationTypeText@DNBCodeTableNumber	Attribute
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. UpwardFamilyMemberOrganization. DUNSNumber	string up to 9 chars. Pattern: {[0-9]*} , <i>Required</i> The D-U-N-S Number is D&B's identification number, which provides unique identification of this organization, in accordance with the Data Universal Numbering System (D-U-N-S).
END: ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. UpwardFamilyMemberOrganization	/Aggregate

Name	Characteristics
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. FormerUpwardFamilyMemberOrganization	Aggregate, Optional
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. FormerUpwardFamilyMemberOrganization. AssociationTypeText	string up to 256 chars., Optional Text that defines the nature of the relationship of the linked organization to the business subject, e.g., Parent, HQ, Joint Parent
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. FormerUpwardFamilyMemberOrganization. AssociationTypeText@DNBCodeValue	Attribute
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. FormerUpwardFamilyMemberOrganization. AssociationTypeText@DNBCodeTableNumber	Attribute
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. FormerUpwardFamilyMemberOrganization. DUNSNumber	string up to 9 chars. Pattern: {[0-9]*}, Required The D-U-N-S Number is D&B's identification number, which provides unique identification of this organization, in accordance with the Data Universal Numbering System (D-U-N-S).
END: ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. FormerUpwardFamilyMemberOrganization	/Aggregate
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. ChildrenSummary	Aggregate, Optional (Infinite) An entry loop which can repeat multiple times to allow the recording of the number of children of various types for the Subject.
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. ChildrenSummary. ChildrenQuantity	int up to 8 digits., Optional The total number of children of the linked Family Tree Subject of the type specified by Children Type Text.

Name	Characteristics
ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. ChildrenSummary. DirectChildrenIndicator	boolean , <i>Optional</i> When true (set to 1)it indicates immediate children only.
END: ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange. ChildrenSummary	/Aggregate
END: ListChangeNoticeResponse. ListChangeNoticeResponseDetail. ChangeNoticeDetail. ChangeEvent. LinkageChange	/Aggregate

No fields were removed.

To take advantage of these new features and/or business elements, please refer to **Version 3.0** of the Monitoring Service in the [D&B Direct 2.0 API Reference](#).