

# Headcount & Salary Planning Uses, options, recommendations

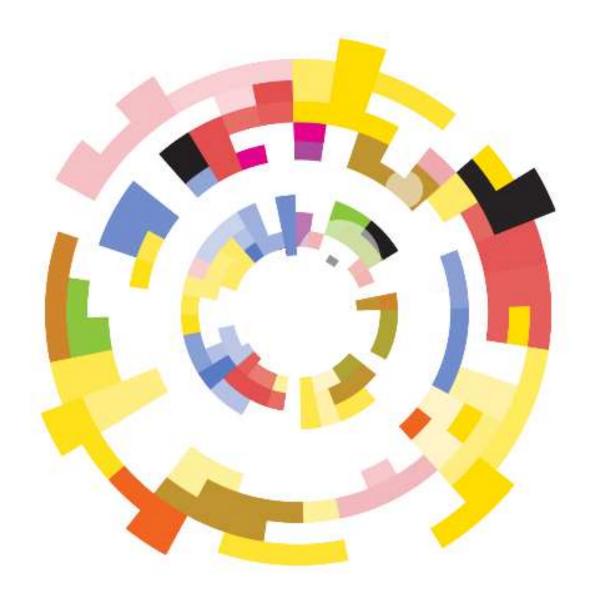
**Charles Pevsner** April 18, 2017



## Goals

- Discover the different pieces of data that make up an employee (and why they might be useful)
  - Understand the basics of employee sets (and some nuances)
- Understand the relationship between employee events, output calculations, and headcount-based accounts
- Discover the many different features and configuration options for employees





### Topics

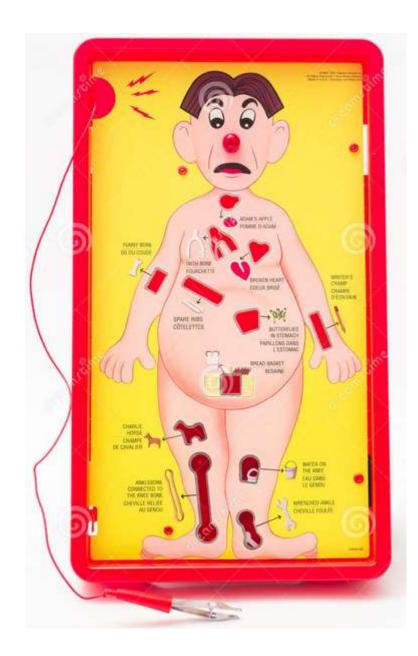
- Elements of an employee
- Employee sets
- Headcount sections
- **Bonus** accrual
- Events, calculations, and accounts
- Benefit classes
- New hire policies
- Pay schedules
- Pay start/end date
- **Employee allocations**
- Headcount calculated accounts
- Headcount configuration
- When you hit "Save"

#### Elements of an employee

## **Dissecting an employee in BudgetPak Autopsy reveals the following vital organs:**

- Demographics
- Home unit and allocation units
- FTE
- Current salary
- How paid
- Pay start/end dates
- Employee class
- Wage class

- Tax authorities & YTD taxable compensation
- Title
- Salary grade
- Configuration-defined fields
- Prior year compensation information
- Event-to- account mappings



### Elements of an employee

### **Demographics:** Name, employee ID, hire date

#### Required

ReferenceEmployee SetCode	EmployeeID	LastName	FirstName	HireDate	UnitCode	ls Allocated	lsFull Time	FTE	CurrentSalary	Salaried	Hourly	PayStartDate	PayEndDate
EE2017	122264	Chu	Matthew	03/06/1991	10-500		Х	1	\$ 81,352.98				
EE2017	196859	Bates	Ann	01/01/2003	10-100		Х	1	\$ 18,180.00	Х			
EE2017	154561	McCartney	Betty	02/23/1999	10-100		Х	1	\$ 59,085.00	Х		9/1/2016	5/31/2017
EE2017	235862	Whitestag	Ann	03/15/1998	10-100		Х	1	\$ 59,675.85	Х			
EE2017	121062	Tattenger	Charles	08/09/1990	10-100		Х	1	\$ 55,085.40	Х			
EE2017	111139	Appleson	Howard	06/15/2001	10-900	Х	Х	1	\$ 130,000.00	Х			
EE2017	248939	Berger	Howard	04/06/1987	10-900	Х	Х	1	\$ 112,750.00	Х			
EE2017	317063	Gilbert	Angela	03/06/1991	10-200		х	1	\$-		Х		
EE2017	326049	Hindle	Ernesto	06/15/2001	10-200		Х	1	\$-		Х		
EE2017	364465	Scheider	Maryann	02/23/1999	10-200		Х	1	\$-		Х		
EE2017	326556	Montena	Reagan	03/15/1998	10-200		х	1	\$-		Х		

### Home unit & allocation units: Unit code, IsAllocated

FirstName

Matthew

Ann

Betty

Charles

Howard

Howard

Angela

Ernesto

Maryann

Reagan

Ann

Home unit is required

ReferenceEmployee

SetCode

EE2017

Separate import for allocation schedule

EmployeeID LastName

Chu

Bates

McCartney

Whitestag

Tattenger

Appleson

Berger

Gilbert

Hindle

Scheider

Montena

122264

196859

154561

235862

121062

111139

248939

317063

326049

364465

326556

			-	This	is a se	para	ite impo	rt step,	with it	s ow	n temp	olate.
edule			Last	Name	First	lame	Allocatio			Code	Unit Desc	ription
			Арре	elson	Howa	rd	20%		40-(	500	Intramural	s & Club Sports
			Арре	elson	Howa	rd	20%		10-2	200	Marketing	
			Арре	elson	Howa	rd	<mark>60%</mark>	Х	10-9	900	Finance 8	Controller
				4	, '							
			ls	sFu	1							
HireDate	UnitCode	Allo	cated	Fim€	FTE	Cu	rrentSalary	Salaried	Hourly	Pay	StartDate	PayEndDate
03/06/1991	10-500			X	1	\$	81,352.98	Х				
01/01/2003	10-100			Х	1	\$	18,180.00	Х				
02/23/1999	10-100			X	1	\$	59,085.00	Х		9/	1/2016	5/31/2017
03/15/1998	10-100			Х	1	\$	59,675.85	Х				
08/09/1990	10-100			Х	1	\$	55,085.40	Х				
06/15/2001	10-900		Х	Х	1	\$	130,000.00	Х				
04/06/1987	10-900		Х	Х	1	\$	112,750.00	Х				
03/06/1991	10-200			Х	1	9	; -		х			
06/15/2001	10-200			Х	1	9	; -		Х			
02/23/1999	10-200			Х	1	9	; -		х			
03/15/1998	10-200			Х	1	9	; -		х			

### FTE

- IsFullTime, FTE
- Optional

ReferenceEmployee						ls	lsFull					<b>D</b>	
SetCode	EmployeeID	LastName	FirstName	HireDate	UnitCode	Allocated	Time	FTE	CurrentSalary	Salaried	Hourly	PayStartDate	PayEndDate
EE2017	122264	Chu	Matthew	03/06/1991	10-500		Х	1	\$ 81,352.98	Х			
EE2017	196859	Bates	Ann	01/01/2003	10-100		х	1	\$ 18,180.00	Х			
EE2017	154561	McCartney	Betty	02/23/1999	10-100		Х	1	\$ 59,085.00	Х		9/1/2016	5/31/2017
EE2017	235862	Whitestag	Ann	03/15/1998	10-100		Х	1	\$ 59,675.85	Х			
EE2017	121062	Tattenger	Charles	08/09/1990	10-100		Х	1	\$ 55,085.40	Х			
EE2017	111139	Appleson	Howard	06/15/2001	10-900	Х	Х	1	\$ 130,000.00	Х			
EE2017	248939	Berger	Howard	04/06/1987	10-900	Х	Х	1	\$ 112,750.00	Х			
EE2017	317063	Gilbert	Angela	03/06/1991	10-200		Х	1	\$-		Х		
EE2017	326049	Hindle	Ernesto	06/15/2001	10-200		Х	1	<b>\$</b> -		Х		
EE2017	364465	Scheider	Maryann	02/23/1999	10-200		Х	1	\$ -		Х		
EE2017	326556	Montena	Reagan	03/15/1998	10-200		Х	1	\$ -		Х		

### **Current salary**

- As of start of fiscal year
- Ignored for hourly employees
- Designate actual annual payout for < 1 FTE's</p>
- Required

ReferenceEmployee SetCode	EmployeeID	LactNamo	FirstName	HireDate	UnitCode	ls Allocatod	lsFull Time	FTE	CurrentSalary	Salariod	Hourly	PayStartDate	DavEndDato
						Anocateu					nouny	i aystartbate	T ayLinubate
EE2017	122264	Chu	Matthew	03/06/1991	10-500		Х	1	\$ 81,352.98	Х			
EE2017	196859	Bates	Ann	01/01/2003	10-100		Х	1	\$ 18,180.00	Х			
EE2017	154561	McCartney	Betty	02/23/1999	10-100		Х	1	\$ 59,085.00	Х		9/1/2016	5/31/2017
EE2017	235862	Whitestag	Ann	03/15/1998	10-100		Х	1	\$ 59,675.85	Х			
EE2017	121062	Tattenger	Charles	08/09/1990	10-100		Х	1	\$ 55,085.40	Х			
EE2017	111139	Appleson	Howard	06/15/2001	10-900	Х	Х	1	\$ 130,000.00	Х			
EE2017	248939	Berger	Howard	04/06/1987	10-900	Х	Х	1	\$ 112,750.00	Х			
EE2017	317063	Gilbert	Angela	03/06/1991	10-200		Х	1	s -		Х		
EE2017	326049	Hindle	Ernesto	06/15/2001	10-200		Х	1	\$-		Х		
EE2017	364465	Scheider	Maryann	02/23/1999	10-200		Х	1	<b>\$</b> -		Х		
EE2017	326556	Montena	Reagan	03/15/1998	10-200		Х	1	<b>\$</b> -		Х		

#### Elements of an employee

### How paid?

- Salaried, hourly (or both)
- Optional

### Pay start/end date

- Optional
- Used only for <u>nonstandard</u> cases
- Do not use for new hires
- Do not set to start/end payroll dates

ReferenceEmployee SetCode	EmployeeID	LastName	FirstName	HireDate	UnitCode	ls Allocated	lsFull Time	FTE	CurrentSalary	Salaried	Hourly	Pay StartDate	PavEndDate
EE2017	122264	Chu	Matthew	03/06/1991	10-500		X	1	\$ 81,352.98			, <b>,</b>	
EE2017	196859	Bates	Ann	01/01/2003	10-100		Х	1	\$ 18,180.00	х			
EE2017	154561	McCartney	Betty	02/23/1999	10-100		Х	1	\$ 59,085.00	х		9/1/2016	5/31/2017
EE2017	235862	Whitestag	Ann	03/15/1998	10-100		Х	1	\$ 59,675.85	х			
EE2017	121062	Tattenger	Charles	08/09/1990	10-100		Х	1	\$ 55,085.40	Х			
EE2017	111139	Appleson	Howard	06/15/2001	10-900	Х	Х	1	\$ 130,000.00	Х			
EE2017	248939	Berger	Howard	04/06/1987	10-900	Х	Х	1	\$ 112,750.00	Х			
EE2017	317063	Gilbert	Angela	03/06/1991	10-200		Х	1	\$-		Х		
EE2017	326049	Hindle	Ernesto	06/15/2001	10-200		Х	1	\$-		Х		
EE2017	364465	Scheider	Maryann	02/23/1999	10-200		Х	1	\$-		Х		
EE2017	326556	Montena	Reagan	03/15/1998	10-200		х	1	\$ -		Х		

### **Employee class**

- Optional but if turned on, must be used
- Used to "drive" calculations (and possibly benefits)
- Used to set default raises & raise dates
- Used with pay schedules

EmployeeClass	WageClass	FederalTax Authority		YTDTaxableComp	Title	Salary Grade	Position #	Position Description	Position Opened	LastRaise	LastRaise Date	LastBonus	LastBonus Date
Full Time	- U	USA	СТ	\$-	Administrative Assistar	SG3				\$ 2,847	04/01/2016		04/05/2016
Full Time		USA	СТ	<b>\$</b> -	Supervisor- Position #1	SG1				\$ 636	04/01/2016		04/05/2016
Full Time		USA	СТ	<b>\$</b> -	Coach- Position #1230	SG2				\$ 2,068	04/01/2016		04/05/2016
Full Time		USA	СТ	<b>\$</b> -	Admin- Position #1233	SG2				\$ 2,089	04/01/2016		04/05/2016
Full Time		USA	СТ	<b>\$</b> -	Admin-Position #12343	SG2				\$ 1,928	04/01/2016		04/05/2016
Faculty		USA	СТ	<b>\$</b> -	Professor- Position #12	SG4				\$ 4,348	04/01/2016	\$ 6,212	04/05/2016
Faculty		USA	СТ	<b>\$</b> -	Professor- Position #12	SG4				\$ 3,946	04/01/2016	\$ 5,638	04/05/2016
Hourly - Monthly pay	EL363	USA	СТ	<b>\$</b> -	Electrician	None	U00748	Union	6/1/2015		01/01/1950		01/01/1950
Hourly - Monthly pay	PL690	USA	СТ	<b>\$</b> -	Plumber	None	U00748	Union	6/1/2015		01/01/1950		01/01/1950
Hourly - Semimonthly pay	Cust	USA	СТ	<b>\$</b> -	Custodial	None	U00418	Union	5/1/2014		01/01/1950		01/01/1950
Hourly - Semimonthly pay	Cust	USA	СТ	<b>\$</b> -	Custodial	None	U00418	Union	5/1/2014		01/01/1950		01/01/1950

### Wage class

- Used to group hourly employees for budgeting purposes
- Required for hourly employees

EmployeeClass	WageClass	FederalTax Authority		YTDTaxableComp	Title	Salary Grade	Position #	Position Description	Position Opened	LastRaise	LastRaise Date	LastBonus	LastBonus Date
Full Time	nageenaee	USA	CT		Administrative Assistar			Decemption	oponou		04/01/2016	Luciboniu	04/05/2016
Full Time		USA	СТ	\$ -	Supervisor- Position #1	SG1				\$ 636	04/01/2016		04/05/2016
Full Time		USA	СТ	\$-	Coach- Position #1230	SG2				\$ 2,068	04/01/2016		04/05/2016
Full Time		USA	СТ	<b>\$</b> -	Admin- Position #1233	SG2				\$ 2,089	04/01/2016		04/05/2016
Full Time		USA	СТ	<b>\$</b> -	Admin-Position #12343	SG2				\$ 1,928	04/01/2016		04/05/2016
Faculty		USA	СТ	<b>\$</b> -	Professor- Position #12	SG4				\$ 4,348	04/01/2016	\$ 6,212	04/05/2016
Faculty		USA	СТ	<b>\$</b> -	Professor- Position #12	SG4				\$ 3,946	04/01/2016	\$ 5,638	04/05/2016
Hourly - Monthly pay	EL363	USA	СТ	<b>\$</b> -	Electrician	None	U00748	Union	6/1/2015		01/01/1950		01/01/1950
Hourly - Monthly pay	PL690	USA	СТ	<b>\$</b> -	Plumber	None	U00748	Union	6/1/2015		01/01/1950		01/01/1950
Hourly - Semimonthly pay	Cust	USA	СТ	<b>\$</b> -	Custodial	None	U00418	Union	5/1/2014		01/01/1950		01/01/1950
Hourly - Semimonthly pay	Cust	USA	СТ	<b>\$</b> -	Custodial	None	U00418	Union	5/1/2014		01/01/1950		01/01/1950

### **Tax authorities & YTD taxable compensation**

- Needed only if using BudgetPak's built-in employment tax calculations
- Tax authorities are required

EmployeeClass	WageClass	FederalTax Authority		YTDTaxableComp	Title	Salary Grade	Position #	Position Description	Position Opened	LastRaise	LastRaise Date	LastBonus	LastBonus Date
Full Time	_	USA	СТ	\$ -	Administrative Assistar	SG3				\$ 2,847	04/01/2016		04/05/2016
Full Time		USA	СТ	<b>\$</b> -	Supervisor- Position #1	SG1				\$ 636	04/01/2016		04/05/2016
Full Time		USA	СТ	\$-	Coach- Position #1230	SG2				\$ 2,068	04/01/2016		04/05/2016
Full Time		USA	СТ	\$-	Admin- Position #1233	SG2				\$ 2,089	04/01/2016		04/05/2016
Full Time		USA	СТ	\$-	Admin-Position #12343	SG2				\$ 1,928	04/01/2016		04/05/2016
Faculty		USA	СТ	\$-	Professor- Position #12	SG4				\$ 4,348	04/01/2016	\$ 6,212	04/05/2016
Faculty		USA	СТ	\$-	Professor- Position #12	SG4				\$ 3,946	04/01/2016	\$ 5,638	04/05/2016
Hourly - Monthly pay	EL363	USA	СТ	\$-	Electrician	None	U00748	Union	6/1/2015		01/01/1950		01/01/1950
Hourly - Monthly pay	PL690	USA	СТ	\$-	Plumber	None	U00748	Union	6/1/2015		01/01/1950		01/01/1950
Hourly - Semimonthly pay	Cust	USA	СТ	\$-	Custodial	None	U00418	Union	5/1/2014		01/01/1950		01/01/1950
Hourly - Semimonthly pay	Cust	USA	СТ	\$-	Custodial	None	U00418	Union	5/1/2014		01/01/1950		01/01/1950

### Title, salary grade, and configuration-defined fields

- Convey useful information to budget holder
- 3 fields definable by you ("Birthday", "Position #")
- Optional

EmployeeClass	WageClass	FederalTax Authority		YTDTaxableComp	Title	Salary Grade	Position #	Position Description	Position Opened	LastRaise	LastRaise Date	LastBonus	LastBonus Date
Full Time		USA	СТ	\$-	Administrative Assistar	SG3				\$ 2,847	04/01/2016		04/05/2016
Full Time		USA	СТ	\$-	Supervisor- Position #1	SG1				\$ 636	04/01/2016		04/05/2016
Full Time		USA	СТ	\$-	Coach- Position #1230	SG2				\$ 2,068	04/01/2016		04/05/2016
Full Time		USA	СТ	\$-	Admin- Position #1233	SG2				\$ 2,089	04/01/2016		04/05/2016
Full Time		USA	СТ	\$-	Admin-Position #12343	SG2				\$ 1,928	04/01/2016		04/05/2016
Faculty		USA	СТ	\$-	Professor- Position #12	SG4				\$ 4,348	04/01/2016	\$ 6,212	04/05/2016
Faculty		USA	СТ	\$-	Professor- Position #12	SG4				\$ 3,946	04/01/2016	\$ 5,638	04/05/2016
Hourly - Monthly pay	EL363	USA	СТ	\$-	Electrician	None	U00748	Union	6/1/2015		01/01/1950		01/01/1950
Hourly - Monthly pay	PL690	USA	СТ	\$-	Plumber	None	U00748	Union	6/1/2015		01/01/1950		01/01/1950
Hourly - Semimonthly pay	Cust	USA	СТ	\$	Custodial	None	U00418	Union	5/1/2014		01/01/1950		01/01/1950
Hourly - Semimonthly pay	Cust	USA	СТ	\$-	Custodial	None	U00418	Union	5/1/2014		01/01/1950		01/01/1950

### **Prior year compensation event information – salaried**

- For salaried employees: Last raise & bonus are possibly useful info for budget holder
- Optional

EmployeeClass	WageClass	FederalTax Authority		YTDTaxableComp	Title	Salary Grade	Position #	Position Description	Position Opened	LastR	aise	LastRaise Date	LastBonus	LastBonus Date
Full Time	<b>j</b>	USA	СТ		Administrative Assistar							04/01/2016		04/05/2016
Full Time		USA	СТ	\$-	Supervisor- Position #1	SG1				\$	636	04/01/2016		04/05/2016
Full Time		USA	СТ	\$-	Coach- Position #1230	SG2				\$ 2	,068	04/01/2016		04/05/2016
Full Time		USA	СТ	<b>\$</b> -	Admin- Position #1233	SG2				\$ 2	,089	04/01/2016		04/05/2016
Full Time		USA	СТ	<b>\$</b> -	Admin-Position #12343	SG2				\$ 1	,928	04/01/2016		04/05/2016
Faculty		USA	СТ	<b>\$</b> -	Professor- Position #12	SG4				\$4	,348	04/01/2016	\$ 6,212	04/05/2016
Faculty		USA	СТ	<b>\$</b> -	Professor- Position #12	SG4				\$3	,946	04/01/2016	\$ 5,638	04/05/2016
Hourly - Monthly pay	EL363	USA	СТ	<b>\$</b> -	Electrician	None	U00748	Union	6/1/2015			01/01/1950		01/01/1950
Hourly - Monthly pay	PL690	USA	СТ	<b>\$</b> -	Plumber	None	U00748	Union	6/1/2015			01/01/1950		01/01/1950
Hourly - Semimonthly pay	Cust	USA	СТ	<b>\$</b> -	Custodial	None	U00418	Union	5/1/2014			01/01/1950		01/01/1950
Hourly - Semimonthly pay	Cust	USA	СТ	<b>\$</b> -	Custodial	None	U00418	Union	5/1/2014			01/01/1950		01/01/1950

### **Prior year compensation event information – hourly**

- For hourly employees: Starting rate & estimated annual hours essential information for budget holder!
- Need to supply by wage type (more on this later)
- Designate target account by wage type
- Required for hourly employees

This	is a	a separate	import	step,	with	its	own	tem
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ReferenceEmployee SetCode	EmployeeID	LastName	FirstName	UnitCode	WageType Code	WageType Description	Account Number	AccountDescription	S	itarting Esti Wage	matedAnnual Hours
EE2017	134148	Lennon	Rolf	10-200	R	Regular	1004	Standard Wages - Hourly	\$	38.50	2000
EE2017	134148	Lennon	Rolf	10-200	0	Overtime	1005	Overtime & Holiday Wages - Hourly	\$	57.75	80
EE2017	134148	Lennon	Rolf	10-200	Н	Holiday	1005	Overtime & Holiday Wages - Hourly	\$	77.00	10
EE2017	147917	Vazquez	Traci	10-200	R	Regular	1004	Standard Wages - Hourly	\$	38.50	2000
EE2017	147917	Vazquez	Traci	10-200	0	Overtime	1005	Overtime & Holiday Wages - Hourly	\$	57.75	85
EE2017	147917	Vazquez	Traci	10-200	Н	Holiday	1005	Overtime & Holiday Wages - Hourly	\$	77.00	10

#### nplate.

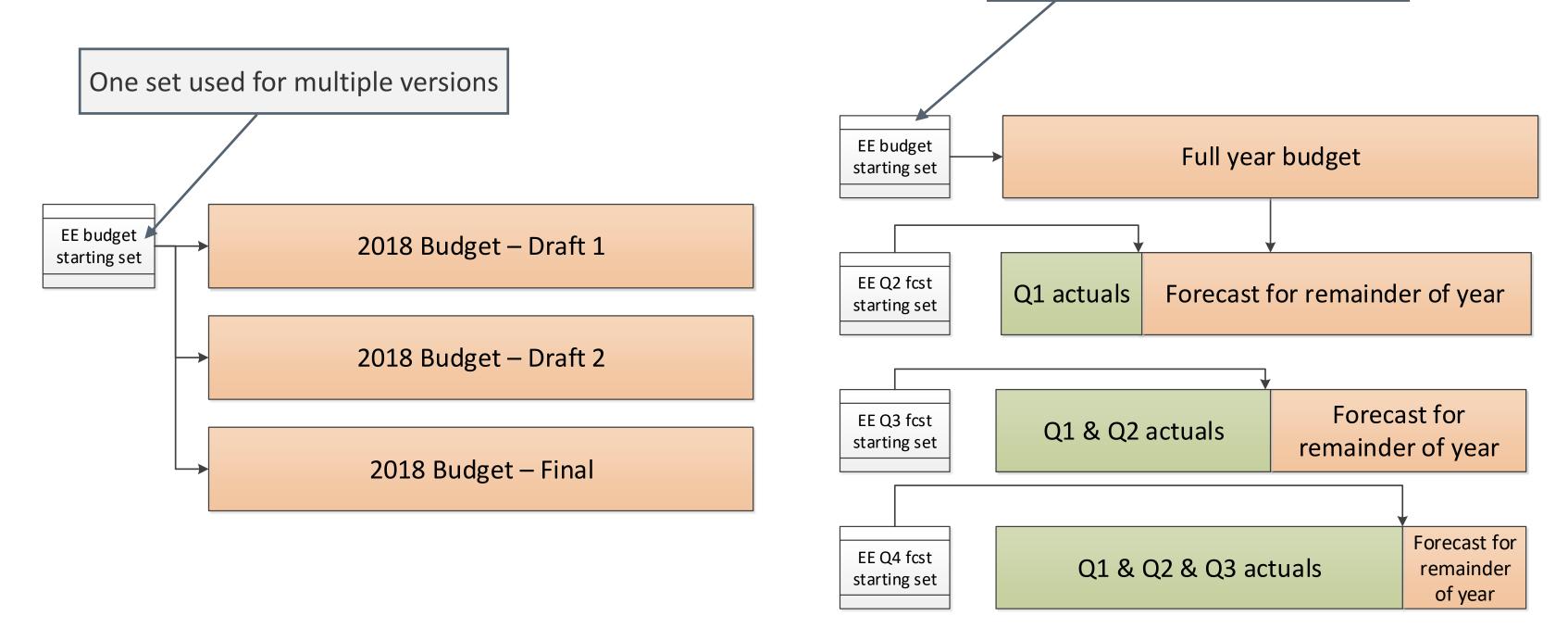
### **Event-to-account mappings**

- Designates which account is used to hold which "piece" of employment expenses
- (More about this later...)
- Required

BaseComp	Bonus1	Bonus2	Bonus3	Bonus4	NatTax1	NatTax2	NatTax3	StateTax1
1002	1100		1003		1400	1400	1400	1500
1002	1100		1003		1400	1400	1400	1500
1002	1100		1003		1400	1400	1400	1500
1002	1100		1003		1400	1400	1400	1500
1002	1100		1003		1400	1400	1400	1500
1000	1100		1003		1400	1400	1400	1500
1000	1100		1003		1400	1400	1400	1500
1004					1400	1400	1400	1500
1004					1400	1400	1400	1500
1004					1400	1400	1400	1500
1004					1400	1400	1400	1500

### **Employee set: Friend or enemy?**

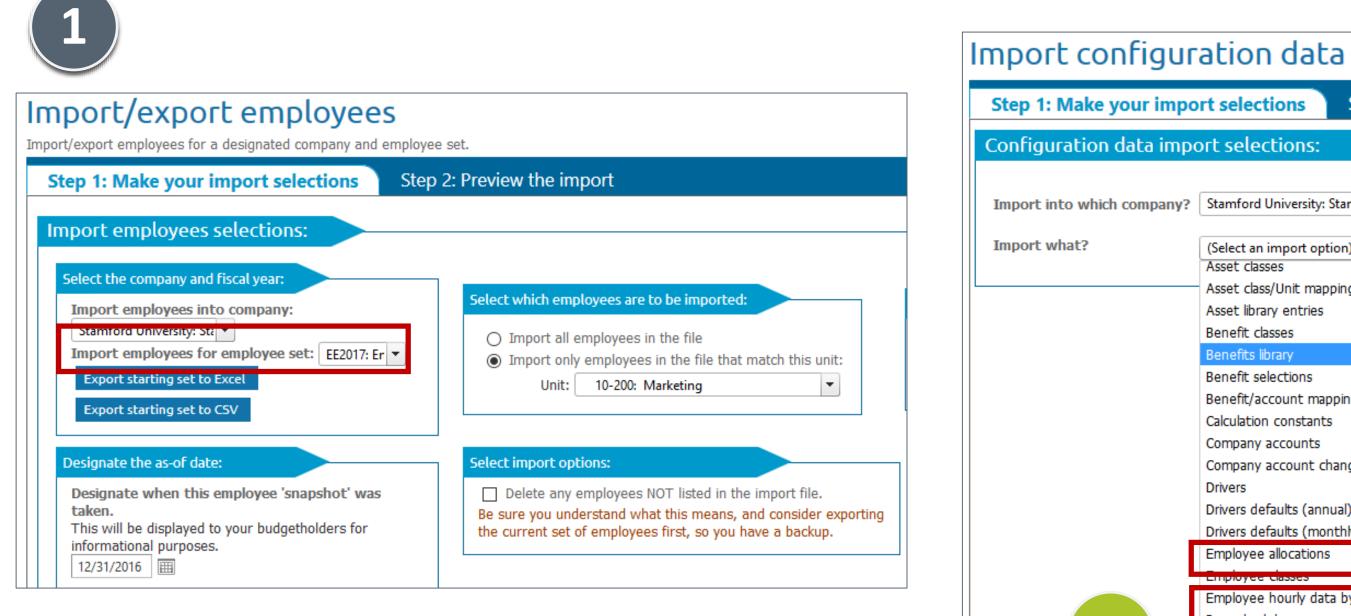
- Basis for each budget and detailed forecast version
  - Events (raise/bonus) applied to that starting set

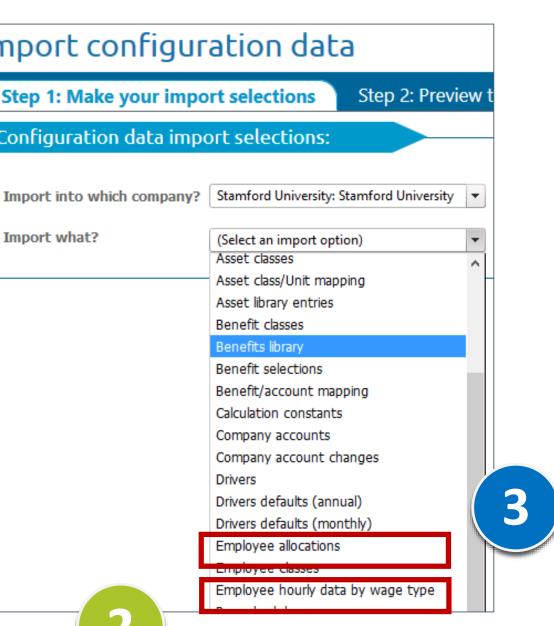


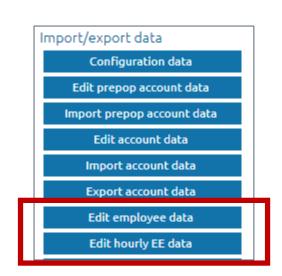
#### Different set for each version

## Filling a starting set – Option 1:

#### **Import "from scratch"** (thanks HR!)







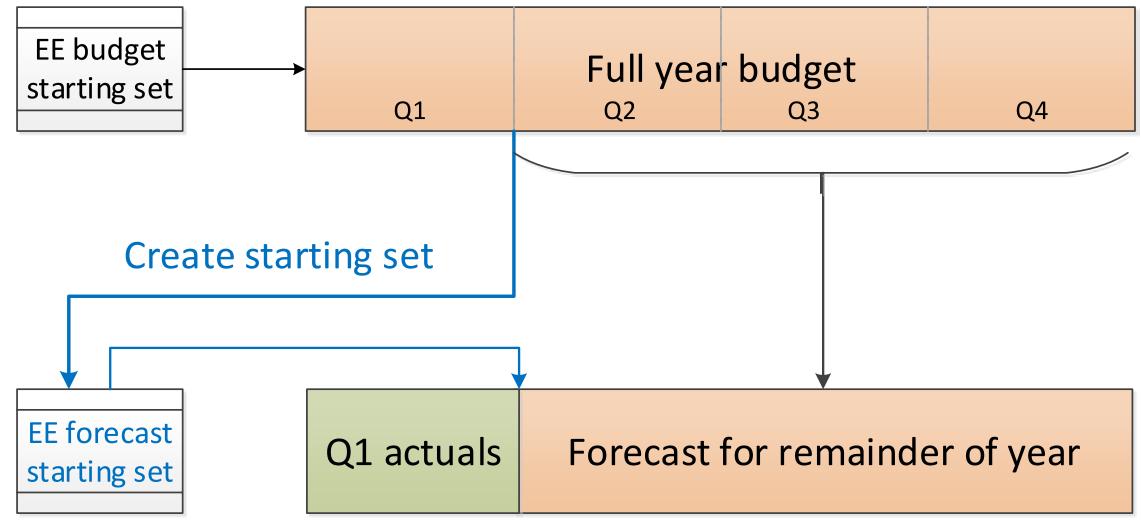


## Filling a starting set – Option 2: **Populate "net set" from a completed version** (Did you know that?)

### Configure starting sets of employees

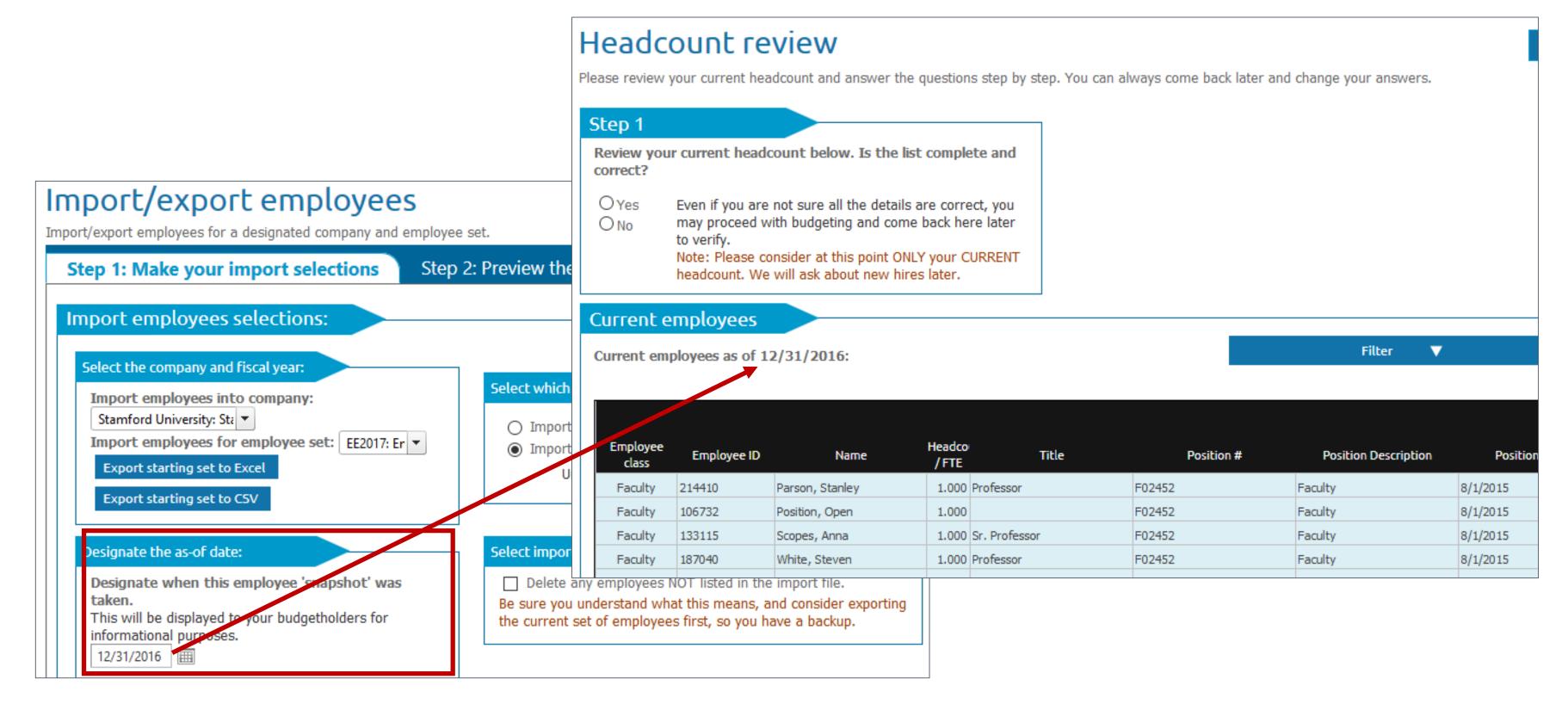
Configure sets of starting employees to be used by different versions. You may have multiple sets per year to represent different scenarios, or a single set.





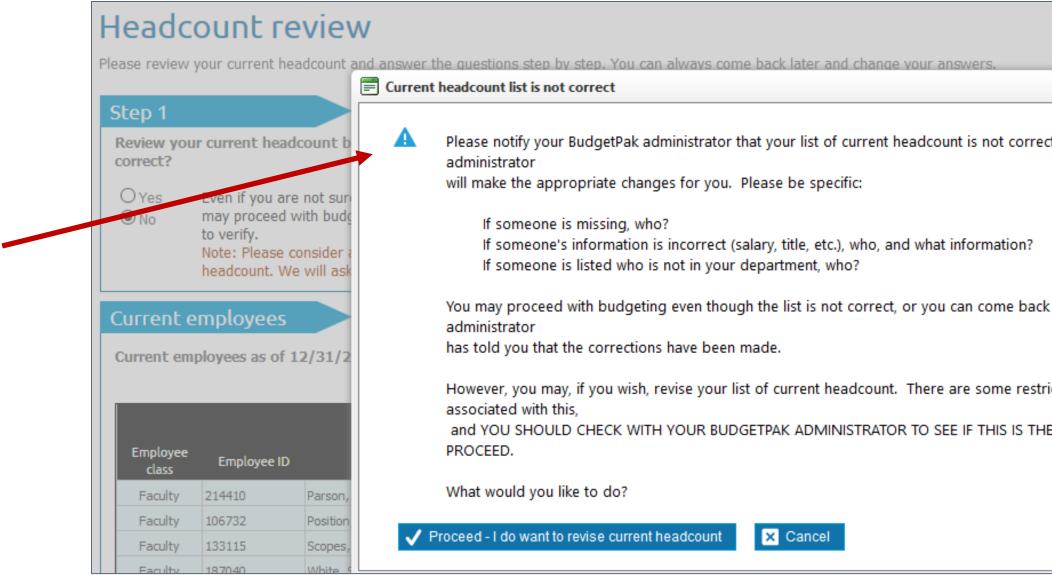
set code	Employee set description	Fiscal year	As-of date	
	Employee set for 2017	2017	12/31/2016	Delete
	Employee Set for 2016	2016	12/31/2015	Delete
	Employee set for 2017 Detailed Forecast	2017	9/30/2016	Delete

### What is the deal with the "as of" date?



### Do you really want to allow budget holders to change the starting set?

- Pro: You're not in the loop
- Con: You're not in the loop

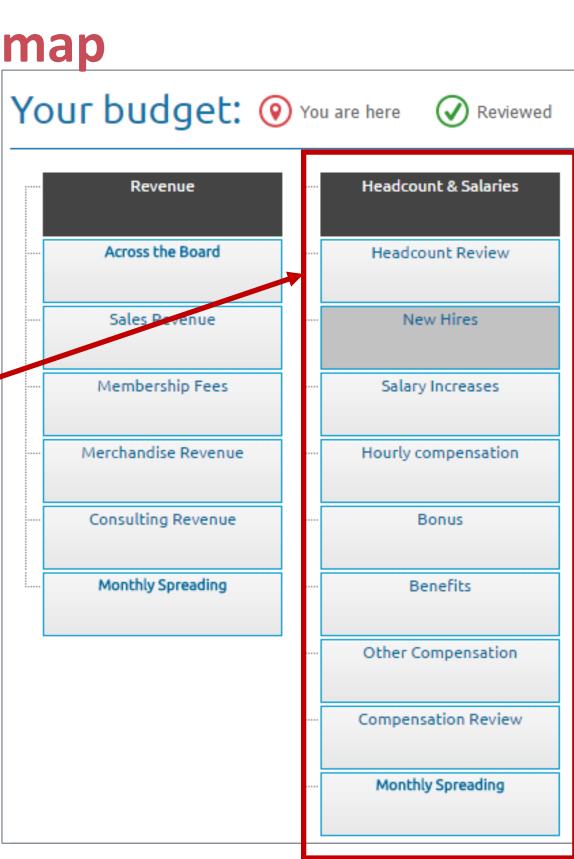


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ct, and the	
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ictions	
E BEST WAY TO	l

## Headcount sections in the budget navigation map

#### Let's demystify

Configure	e stacks and see	tions		
Actions Expand	d Move			
Stack	Section		<b>^</b>	
+-Revenue		_		
-Headcount & Sa	alaries			
	Headcount Review			
	New Hires			
	Salary Increases			
	Hourly compensation			
	Bonus			
	Benefits			
	Other Compensation			
	Compensation Review			
	Monthly Spreading			
Benefits				
Professional Fee	25			
+ Trougl & Montin				



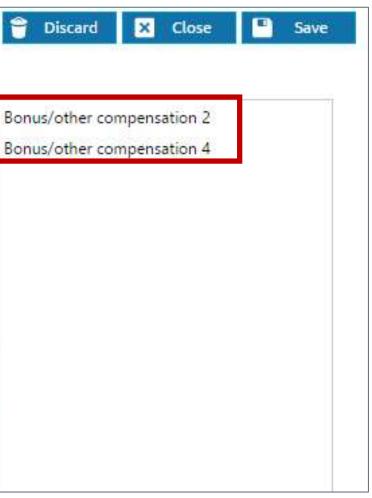
## Headcount sections: Did you know...

- You can have up to 4 bonus/other compensation sections
- You can accrue the amounts budgeted here
- You can rename via Actions menu

Configure stacks and sections 🔒 Discard Expand Move Actions Stack Section + Revenue Headcount & Salaries Headcount Review New Hires Salary Increases Hourly compensation Bonus Benefits  $\odot$ Add Other Compensation **Compensation Review**  $\odot$ Remove Monthly Spreading t Benefits Professional Fees al Q. Maart

## You can configure 2 sections with defaults by employee class (more later)

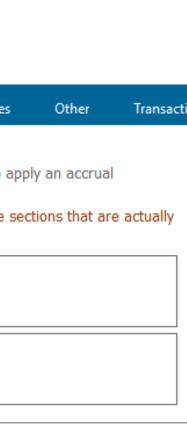
#### Sections are automatically filtered by BudgetPak



## **Bonus/other compensation accrual: Budget meets reality**

- 3 options for each section:
  - 1. Incur at a point-in-time (the event date) default behavior
  - 2. Accrue from the event date forward
  - 3. Accrue evenly across fiscal year

onfigure l	oudgeti	ng specific	S	
mpany: Stamford Univ	versity 💌			
Est. budget impact	Leave policy	Employee Options	Expense treatment	Review Headcount note:
schedule. Note that er	Other Compensat mployment tax cal possible Bonus/Ot	culations follow the accr her Compensation section	ual schedule, if chosen.	vever, you may choose to a the walkthrough. Only the
-	-	incurred on the event date		
		accrued evenly among all accrued evenly starting wit		
The 'Stipends' expe				
		ily among all fiscal periods ily starting with the event (		
- the superior ope	the second of the	ing man and even a		



## Let's talk employee events, output calculations, and headcountbased accounts. Ready?

- Caution: "Event" sometimes used in BudgetPak as a shorthand for "event calculation" output"
- An event is an action tied to an employee: Raise, new hire, termination, bonus.
- An event calculation output is a figure that results from computing one or more headcount-related events.
- Did you know: Each "output" is listed on the Headcount Detail by Period report

Compensation expense	Jan	Feb	March	April
Base compensation	\$6,219	\$5,617	\$6,219	\$6,193
Bonus	\$0	\$0	\$0	\$1,199
Other Compensation	\$0	\$0	\$0	\$732
National employment tax 1	\$37	\$5	\$0	\$0
National employment tax 2	\$90	\$81	\$90	\$118
National employment tax 3	\$386	\$348	\$386	\$504
State employment tax 1	\$205	\$185	\$205	\$268
Total	\$6,937	\$6,237	\$6,900	\$9,013

## That's where these "headcount-based" accounts come in...

Commonly flagged as Restricted

#### Headcount account mappings for Matthew Chu

omp	Bonus1 1100	Bonus2	Bonus3	Derest				
	1100			Bonus4	NatTax1	NatTax2	NatTax3	StateTax
<b>.</b>			1003		1400	1400	1400	1500
2	1100		1003		1400	1400	1400	1500
2	1100		1003		1400	1400	1400	1500
2	1100		1003		1400	1400	1400	1500
2	1100		1003		1400	1400	1400	1500
0	1100		1003		1400	1400	1400	1500
					1400	1400	1400	1500
					1400	1400	1400	1500
		Must have			1400	1400	1400	1500
terprise count	Restricted		Instructio		1400	1400	1400	1500
		comment?			1400	1400	1400	1500
	nt	nt	nt Restricted? user comment?	nt Restricted? User instructio comment?	orise Restricted? user Instructio	nt Restricted? user Instructio 1400 comment? 1400	nt Restricted? user Instructio 1400 1400 comment? 1400 1400	nt Restricted? user Instructio 1400 1400 1400 1400 comment? 1400 1400 1400

### Configure accounts

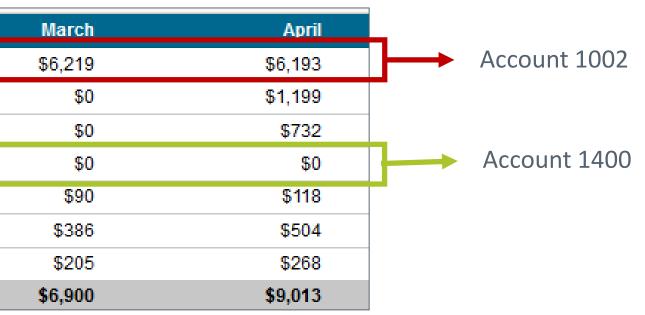
	Edit	Account number	Description	Account source	Account class	Enterprise account	Restricted?	Must have user comment?	Instructi
Н	/	10003	Merchandise Revenue	user	Income	3000: Revenue			Please us
$\left  \right $	1	10002	Undergraduate Tuition Rev	enu calculation	Income	3000: Revenue			Please e
H	1	10004	Graduate Tuition Revenue	calculation	Income	3000: Revenue			Please e
$\left  \right $		1000	Salaries - Faculty	headcount-based	Expense	1111: Salaries	$\checkmark$		
$\vdash$		1001	Salaries - PT	headcount-based	Expense	1111: Salaries	~		
$\left  \right $	1	1002	Salaries - FT	headcount-based	Expense	1111: Salaries	$\checkmark$		
$\left  \right $		1003	Stipends	headcount-based	Expense	1111: Salaries	~		
$\left  \right $	1	1100	Bonus	headcount-based	Expense	1112: Bonus	$\checkmark$		
$\mid$		1004	Standard Wages - Hourly	headcount-based	Expense	1111: Salaries			
Н	1	1005	Overtime & Holiday Wages	- H headcount-based	Expense	1111: Salaries			
	1		Commissione	1.1.1	-	1112 Dec.			This says

#### Events, calculations, and accounts

**Upon Save:** Outputs are computed and placed into fiscal periods of target headcountbased accounts.

BaseComp	Bonus1	Bonus2	Bonus3	Bonus4	NatTax1	NatTax2	NatTax3	StateTax1
1002	1100		1003		1400	1400	1400	1500
1002	1100		1003		1400	1400	1400	1500
1002	1100		1003		1400	1400	1400	1500
1002	1100		1003		1400	1400	1400	1500
1002	1100		1003		1400	1400	1400	1500
1000	1100		1003		1400	1400	1400	1500
1000	1100		1003		1400	1400	1400	1500
1004					1400	1400	1400	1500
004					1400	1400	1400	1500
1004					1400	1400	1400	1500
1004					1400	1400	1400	1500
Compens	sation expen	se			Ja	an		Feb
Base cor	npensation				\$6,21	19	\$5,617	
Bonus					ş	60		\$0
Other Co	mpensation	× ·			Ş	60		\$0
National	employment	tax 1			\$3	37		\$5
National	employment	tax 2			\$9	90	9	681
National	employment	tax 3			\$38	36	\$3	348
State em	ployment ta	x 1			\$20	)5	\$1	185
					\$6,93		\$6,2	

### Headcount account mappings for Matthew Chu



## Did you know: There are more outputs than you might think

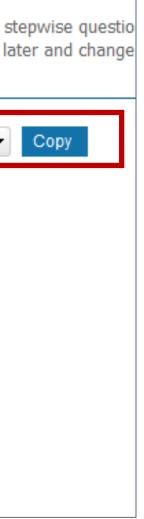
- Base comp, bonus/other comp, employment taxes....yeah yeah yeah
- But what about:
  - Hourly compensation expense: 1 for each wage type
  - New hire expense: 3 pre-defined outputs
  - **Benefit classes**: 1 output for each configured benefit class (stay tuned)
- Each can be "targeted" to a separate account, per person



## Pity the poor budget holder creating a new hire....

- Do they really know what "mappings" mean...?
- But at least they can copy from an existing employee "just like" this one

Add	a new	Please answer the always come back			
Step	7: Mapping				
Сору	y mappings from	an existing employee?	Bro	wn, Anna	۲
Base	e compensation	1000: Salaries - Faculty	•		
Othe	er Compensation	1100: Bonus	-		
Stipe	ends	1003: Stipends	-		
Nat'l	tax 1	1400: Federal Payroll Tax	•		
Nat'l	tax 2	1400: Federal Payroll Tax	•		
Nat'l	tax 3	1400: Federal Payroll Tax	•		
State	e tax 1	1500: State Payroll Tax	•		
Sign	ing Bonus	1000: Salaries - Faculty	•		
Recr	ruiting Fee	4400: Recruiting Fees	•		
Relo	cation	4401: Relocation	•		



## Benefit classes: For the little bit of OCD in us all...

- What are benefit classes, and why would I want to use them?
- Sometimes a general calculation will serve: Life insurance expenses is <u>on average</u> \$2500 per head => Use calculated accounts -or-

Life insurance expense is \$2500 for some employees, \$3000 for others => Use employee classes But when nothing but per-person precision will do => Use benefit classes

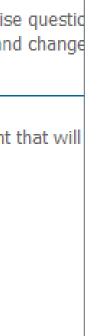
Benefits									
			Life Insurance		LTD	LTD		Other Medical	
Company ID	Title	First name	Last name	Code	Value	Code	Value	Code	Value
194922	Admissions Director	Anna	Brown	Partial	\$3,000	Senior	\$23,040	Low	\$10,000
121063	Grants Director	Frank	Elfenson	Full	\$6,000	Executive	\$43,935	High	\$35,000
146474	Admissions Manager	Steven	First	Full	\$6,000	Executive	\$43,935	High	\$35,000
194891	Supervisor	Betty	Franklin	Full	\$6,000	Senior	\$24,399.9	High	\$35,000

## Benefit classes: Some work to set up, but then easy to use

- Up to 12 benefit classes may be defined (for use across company)
- Different selections for each fiscal year
- Selections imported along with other employee data:
   John Doe: Life insurance -> Partial
- For new hires, another "burden" on budget holder:

/	Add a nev	v hire		Please answer the always come back					
	Step 8: Benefits								
	C 1	enefit available, select which tions as they have been set u		this new hire, and select the ther employee.	account				
		Benefit	Target account for benefit						
	Life Insurance	Full: Full - \$500,000	<b>•</b> ]	1600: Other Benefits	-				
	LTD	Executive: Executive	+	1600: Other Benefits	-				
	Other Medical	High: High	+	1600: Other Benefits	+				
				*					
	Copy benefits from	n an existing employee?	(Se	lect employee)	- Cop				

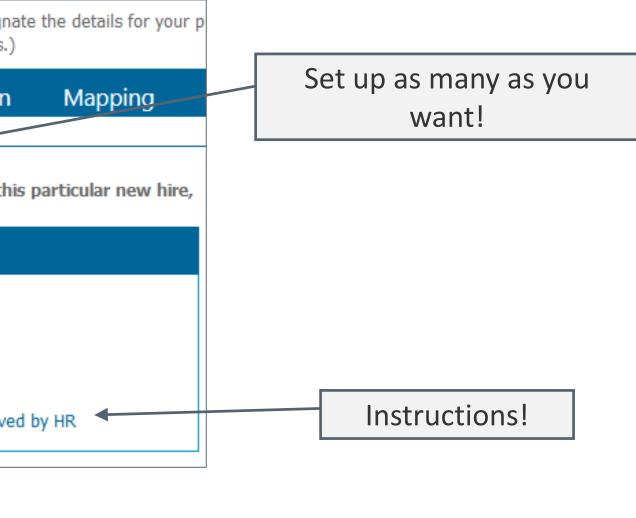
## **n easy to use** bany)



## **Unsung hero: New hire policies**

- Presented to budget holder on new hire policy page
- Typically things like recruiting fee, signing bonus, relocation

A	dd a new hire	)			stepwise questions to design later and change the details.
	Salary and start date	New hi	re policies	Tax authorities	Optional information
	Step 4: Review new hire policie	es			
	The following are the stand may modify these expenses	-	-		pense does NOT apply to the appropriate box.
	Page 1 of 2 Page 2 of	2			
	Rec	ruiting Fee	25.00 %	Does not	apply
		Relocation	\$10,000	Does not	apply
	Sigr	ning Bonus	\$0	☑ Does not	apply Must be approve
		/			
	Different calcula	tions!			Bu

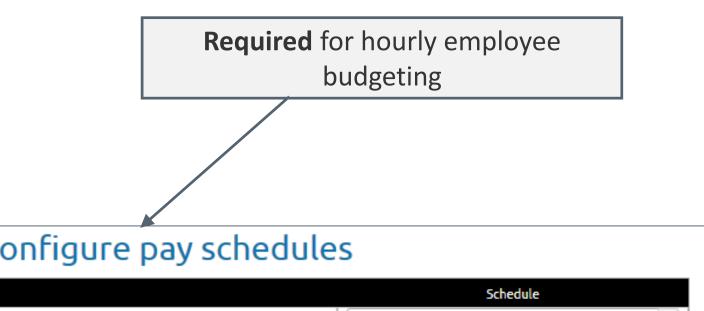


udget holder control!

## Pay schedules: Be careful what you ask for....

- What are they, and why would I want to use them?
- Pay schedules allow budget computations to mimic actual calendar payroll schedule
- Use to get extremely accurate budget vs. actual comparison

)efine	pay scl	hedules						Require	<b>d</b> for hourly employee	
chedule: SN	/17	-	Add sche	dule Edit selected s	chedule	Delete schedule			budgeting	
Thi	s schedule is 'e	even pay per period'								
Work sta	art date	Work end date		Payment date		Add period				
7/1/201	7 📖	7/15/2017		7/15/2017	<b>=</b>	Delete				
7/16/20:	17 🔳	7/31/2017	<b>=</b>	7/31/2017	<b>=</b>	Delete				
8/1/201	.7 🖽	8/15/2017	===	8/15/2017	===	Delete	C C	<u>×</u>	1	
8/16/20:	17 🔠	8/31/2017	<b>=</b>	8/31/2017	===	Delete	Configure	e pay schedu	Jles	
9/1/201	7 🖽	9/15/2017		9/15/2017		Delete			Schedule	
9/16/20:	17 🔳	9/30/2017	<b>=</b>	9/30/2017	<b>=</b>	Delete		Faculty	M17: Monthly	
10/1/20:		10/15/2017	<b></b>	10/15/2017	<b>=</b>	Delete		Full Time	M17: Monthly	
10/16/20	)17 🔳	10/31/2017	<b>=</b>	10/31/2017	<b>=</b>	Delete	•	Part Time	M17: Monthly	
11/1/20:	17 🔠	11/15/2017	===	11/15/2017	===	Delete	Hour	ly - Monthly pay	M17: Monthly	
11/16/20		11/30/2017	===	11/30/2017		Delete		- Semimonthly pay	SM17: Semimonthly	
12/1/20:	17 🔠	12/15/2017		12/15/2017	===	Delete	Houny	- Seminoniny pay		
12/16/20	)17 🔠	12/31/2017		12/31/2017	===	Delete				
1/1/201	18 🖽	1/15/2018		1/15/2018	====	Delete				
1/16/20:	18 🔠	1/31/2018		1/31/2018		Delete				
2/1/201	18 🖽	2/15/2018		2/15/2018	====	Delete				
2/16/20:	18 🔠	2/28/2018	=	2/28/2018	===	Delete				



## **Pay start/end date:**

- We will be changing the name!
- Use <u>only</u> if salary is paid out during nonstandard time frame

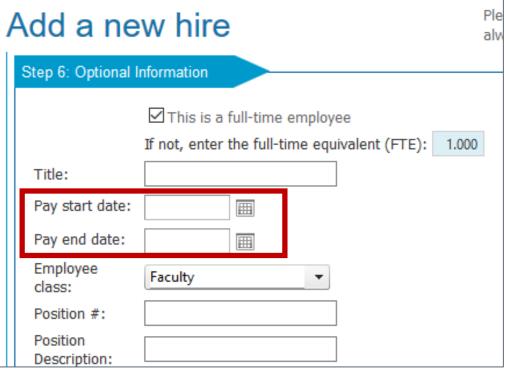
LastName	FirstName	Cur	rentSalary	PayStartDat	te PayEnd
Chu	Matthew	\$	81,352.98		
Bates	Ann	\$	18,180.00		
McCartney	Betty	\$	59,085.00	9/1/2016	5/31/2
Whitestag	Ann	\$	59,675.85		
Tattenger	Charles	\$	55,085.40		
				Δ.	

Do not use for new hire (unless it's true!)

hire date is all that's necessary

#### Step 6: Optional Information Title: Pay start date: Pay end date: Employee class: Position #: Position Description

dDate	
2017	



## **Employee allocations: It's nice to be wanted**

• All events budgeted in home unit by the budget holder for that unit

	LastName	FirstName	Allocation Percent	lsHome Unit	UnitCode	Unit Description
、 ┻ )	Berger	Howard	40%		10-100	President's Office
	Berger	Howard	60%	Х	10-900	Finance & Controller



Name	Headco /FTE	Allocation	Current salary	Std salary increases	Salary Increases %	Salary Increases \$	Salary Increases \$ (allocated)	New salary
Berger, Howard	<b>1</b> .600	<b>6</b> 0 %	\$67,650		5 %	\$5,638	\$3,383	\$71,033
Bird, Henry	<b>1</b> .750	<b>*</b> 75 %	\$86,262		5 %	\$5,751	\$4,313	\$90,575
Summer, James	1.000	100 %	\$105,606		5 %	\$5,280	\$5,280	\$110,886

	Name	Allocation	Current salary	Salary Increases %	Salary Increases \$	Salary Increases \$ (allocated)
3	Baker, David	100 %	\$134,583	5 %	\$6,729	\$6,729
	Berger, Howard	* 40 %	\$45,100	5 %	\$2,255	\$2,255
	Bird, Henry	★ 25 %	\$28,754	5 %	\$1,438	\$1,438
	Castle, Robert	★ 30 %	\$63,024	5 %	\$3,151	\$3,151

## Calculated accounts based on headcount: Finally, something simple?

- Not the same thing has headcount-based accounts
- Available calculations:
  - \$ per head
  - \$ per head by employee class
  - % of total compensation\*
  - % of total compensation\* by employee class
  - \$ driver per head
- "Customize" by unit

\*Total compensation = Salary + raises + bonus + other comp + hourly wages

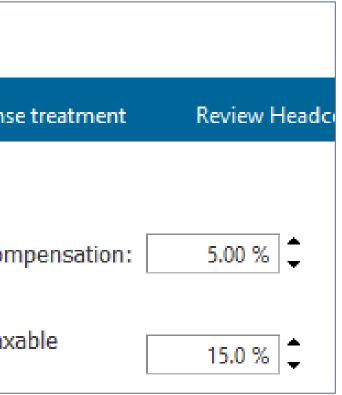
Define account calculations									
Edit Move Move Ievel level			Level	Account #	Account description				
	/ + +			2	1150	Commissions			
		+	+	1	10002	Undergraduate Tuition R			
		+	+	1	10004	Graduate Tuition Reven			
	1	+	+	1	1200	403b			
	,	+	+	1	1300	Medical Benefits - FT			
		+	+	1	1301	Medical Benefits - PT			
		<b>+</b>	+	1	1302	Dental			
[A]*[account X] + [B]*[account Y] \$[A] Per Head [A]*[account X] [A]*[account X] + [B] [A]*[account X] + + [H]*[account 8] [A]% of total compensation \$[A]*[Qty Driver] [A]% of [\$ Driver] [A]% of [\$ Driver] [A]% Per Head by employee class									
- / t +			+	[A]% of total compensation by employee class					
	1	+	+	[Qty Driver]*[account X]					
/ <b>+</b> +				[\$ Driver] Per Head [\$ Driver] * [Qty drivers] Allocation					
				[A]%*[subtotal X]					

# **Decisions, decisions: Miscellaneous headcount configuration "switches"**

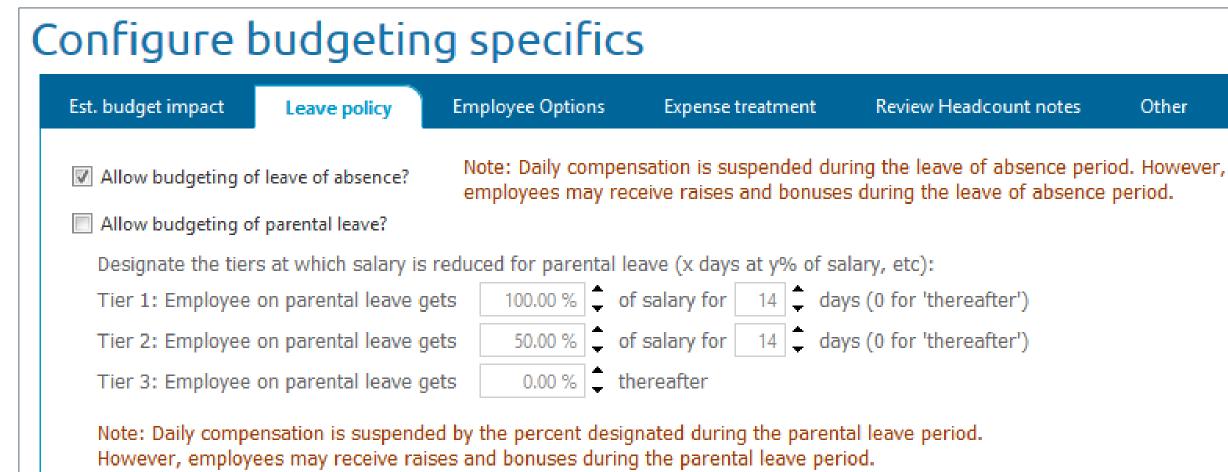
## **1. Estimated budget impact**

- Sometimes misunderstood
- Meant as an FYI; not intended as (performance-killing) exact calculation
- Exact calculation done upon Save

(	Configure b	oudgetir	ng specifics	5							
	Est. budget impact	Leave policy	Employee Options	Expens							
	,		blayed estimated budget in taxes as a percent of ta								
	Include employee benefits in the estimated budget impact?										
	Designate estim compensation:	nated employment	benefits load, as a pero	cent of tax							



- 2. Leave of absence and parental leave policy
  - Parental leave applies to salary only



### Review Headcount notes

Other

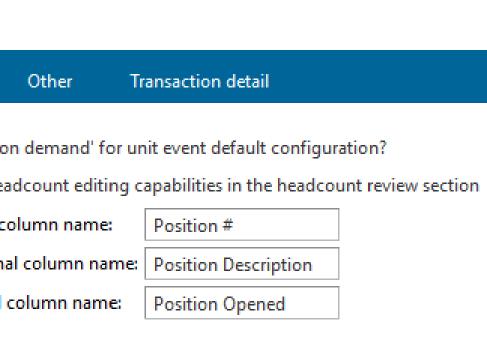
### 3. Various employee options

Use explicit YTD taxable compensation:

Improves accuracy of tax calculations

If not enabled, BudgetPak will impute YTD tax based on January 1

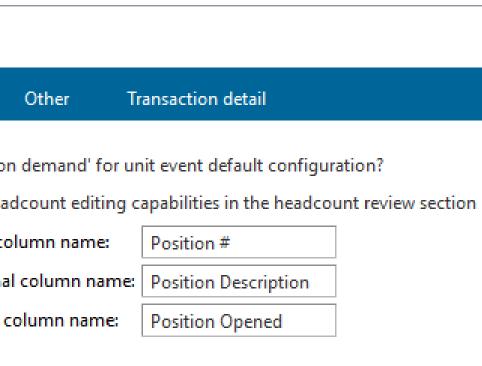
(	Configure budgeting specifics												
	Est. budget impact	Leave policy	Employee Options	Expense treatment	Review Headcount notes								
	How should employe	ee pay be distributed?	As per pay schedule	•	Use 'load or								
	This company us	es explicit YTD taxabl	e compensation		🔲 Disable hea								
	This company us	es Salary Grades			First optional co								
	👿 This company us	es Titles			Second optiona								
	👿 This company us	es Employee Classes			Third optional c								
	🔲 This	company budgets 'Sal	lary Increases' by Employe	e Class									
	This	company <mark>budgets</mark> 'Ot	her Compensation' by Em	ployee Class									
	settings be dele current you cha all the p	s, any existing corre ted automatically. F y budgeting bonuse ange that to NOT bu	v of these Employee Cla esponding unit defaults v or example, if you are is by Employee Class a idget by Employee Clas is settings for the bonus v	vill nd s,									



### 3. Various employee options

This company uses: Salary grades/titles/employee classes Additional options if using employee classes

C	Configur	e budgeti	ng specifics	5		
	Est. budget impa	ct Leave policy	Employee Options	Expense tr	eatment	Review Headcount notes
	This compan	y uses Employee Classes his company budgets 'Sa	le compensation			<ul> <li>Use 'load on</li> <li>Disable head</li> <li>First optional co</li> <li>Second optional</li> <li>Third optional co</li> </ul>
	Wa sett be o curr you all t	ning: If you change an ings, any existing com leleted automatically. I ently budgeting bonus change that to NOT bu	y of these Employee Cla esponding unit defaults w For example, if you are es by Employee Class ar udget by Employee Class s settings for the bonus v	ss ill nd		

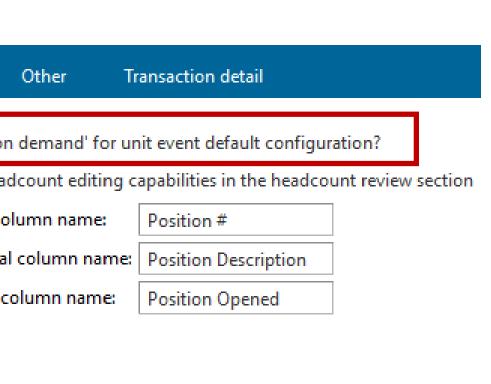


### 3. Various employee options

Load on demand:

Turn on if instructed by XLerant support Does no harm if turned on by accident

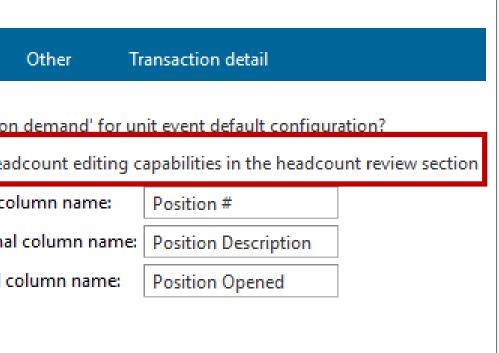
(	Config	ure l	oudgetir	ng specific	5	
	Est. budget	impact	Leave policy	Employee Options	Expense treatment	Review Headcount notes
	This control This control This control This control          Image: This control	mpany uses mpany uses mpany uses mpany uses []] This co	s Employee Classes mpany budgets 'Sal			Use 'load on Disable head First optional col Second optional Third optional co
		settings, be delete currently you chan all the pe	any existing corre d automatically. For budgeting bonuses ge that to NOT bu	of these Employee Cla sponding unit defaults w or example, if you are s by Employee Class a dget by Employee Class settings for the bonus w	vill nd s,	



- 3. Various employee options
  - Disabled starting set editing by budget holders: Your call

All-or-nothing; can't grant to specific budget holders

(	Config	ure t	oudgetir	ng specifics	5	
	Est. budget i	impact	Leave policy	Employee Options	Expense treatment	Review Headcount notes
	<ul> <li>This con</li> <li>This con</li> <li>This con</li> </ul>	npany uses npany uses npany uses npany uses I This cor	Employee Classes mpany budgets 'Sal			Use 'load or Disable hea First optional co Second optional Third optional co
		settings, a be deleted currently l you chang all the per	any existing corre d automatically. Found budgeting bonuses ge that to NOT bu	of these Employee Cla sponding unit defaults w or example, if you are s by Employee Class ar dget by Employee Class settings for the bonus w	ill nd s,	



- 3. Various employee options
  - Optional extra employee information columns: Displayed on screens and reports Not otherwise used by BudgetPak

(	Configure	e budgetii	ng specific	5	
	Est. budget impact	Leave policy	Employee Options	Expense treatment	Review Headcount notes
	<ul> <li>This company</li> <li>This company</li> <li>This company</li> <li>This company</li> <li>This company</li> <li>This company</li> </ul>	uses Titles uses Employee Classes s company budgets 'Sa			<ul> <li>Use 'load on</li> <li>Disable head</li> <li>First optional co</li> <li>Second optional</li> <li>Third optional co</li> </ul>
	setting be de curren you c all the	gs, any existing corre leted automatically. F itly budgeting bonuse hange that to NOT bu	/ of these Employee Cla esponding unit defaults v for example, if you are es by Employee Class a edget by Employee Clas s settings for the bonus v	vill nd s,	

### Other Transaction detail

on demand' for unit event default configuration?

adcount editing capabilities in the headcount review section

olumn name:	Positi
al column name:	Positi
column name:	Positi

Position # Position Description Position Opened

# Tying it all together: What happens when you click "Save"?"



Calculated accounts Pay start/end dates Benefit classes **Employee allocations** New hire policies Event-to-account mappings

YTD taxable compensation

# **The BudgetPak calculation** engine kicks into gear:

Base compensation L

Tax rates & caps Parental leave bolicities & caps Rais

Employee class

Bonuses Raises

Terminations

Line item	Type of automatic spreading	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Salaries - Exec	None	\$43,345	\$39,151	\$43,345	\$42,823	\$44,281	\$42,461	\$32,136	\$32,136	\$31,099	\$32,136	\$31,099	\$32,136
Salaries - Non Exec PT	None	\$1,723	\$1,557	\$1,723	\$1,716	\$1,775	\$1,718	\$1,775	\$1,775	\$1,718	\$1,775	\$1,718	\$1,775
Salaries - Non Exec FT	None	\$62,509	\$56,460	\$62,509	\$62,247	\$64,384	\$62,308	\$64,384	\$64,384	\$62,308	\$64,384	\$62,308	\$64,384
Executive Compensation	None	\$0	\$0	\$0	\$11,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Bonus	None	\$0	\$0	\$0	\$18,334	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Payroll Tax	None	\$8,757	\$7,512	\$8,239	\$10,431	\$8,430	\$8,123	\$7,496	\$7,496	\$7,254	\$7,496	\$6,345	\$6,076
State Payroll Tax	None	\$3,540	\$3,197	\$3,217	\$2,879	\$1,416	\$708	\$202	\$184	\$178	\$184	\$178	\$184
Other Benefits	None	\$67,117	\$60,622	\$67,117	\$65,750	\$67,970	\$65,654	\$64,136	\$64,136	\$62,067	\$64,136	\$62,067	\$64,136
Recruiting Fees	None	\$0	\$0	\$0	\$0	\$0	\$22,000	\$0	\$0	\$0	\$0	\$0	\$0
Relocation	None	\$0	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0

When you click "Save"

New hires

Jog Denemic classes Calculated accounts Calculate allocations pay schedules Calculate allocations data calculate allocations data Nabe Nabe types Sur Event-to-account mappings New hire policies mpensation VTD taxable compensation

# But what, exactly, does it do? Let's calculate:

- 1. The employee event "outputs" for each calendar day are computed, factoring in:
  - The timing of raises, rate increases, hire date, departure, bonus (and accrual thereof)
  - Parental leave, leave of absence, etc.
  - Pay start/end dates
  - …and of course Leap Day
- 2. Employment tax "outputs" are computed by calendar day, factoring in:
  - Which outputs are taxable and which are not
  - YTD actual compensation, if provided (if not, it's imputed)
  - Configured employment tax rates and caps, as calendar year boundaries are crossed
  - Resets of YTD compensation on January 1
- 3. Outputs are summed and placed into fiscal days by pay schedule, factoring in:
  - The payment date in the pay schedule
  - If pay schedules are not configured, the fiscal year periods are used as the effective pay schedule

# But wait, there's more...



# Not done yet:

- 4. Fiscal days are summed into fiscal periods
- 5. The fiscal period sums are placed into the target accounts, by output
- 6. Employee allocations are performed: The target accounts are "pushed out" to other units
- 7. Calculated accounts involving headcount are computed (e.g., % of total comp)

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Line item	Type of automatic spreading	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Salaries - Exec	None	\$43,345	\$39,151	\$43,345	\$42,823	\$44,281	\$42,461	\$32,136	\$32,136	\$31,099	\$32,136	\$31,099	\$32,136
Salaries - Non Exec PT	None	\$1,723	\$1,557	\$1,723	\$1,716	\$1,775	\$1,718	\$1,775	\$1,775	\$1,718	\$1,775	\$1,718	\$1,775
Salaries - Non Exec FT	None	\$62,509	\$56,460	\$62,509	\$62,247	\$64,384	\$62,308	\$64,384	\$64,384	\$62,308	\$64,384	\$62,308	\$64,384
Executive Compensation	None	\$0	\$0	\$0	\$11,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Bonus	None	\$0	\$0	\$0	\$18,334	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Payroll Tax	None	\$8,757	\$7,512	\$8,239	\$10,431	\$8,430	\$8,123	\$7,496	\$7,496	\$7,254	\$7,496	\$6,345	\$6,076
State Payroll Tax	None	\$3,540	\$3,197	\$3,217	\$2,879	\$1,416	\$708	\$202	\$184	\$178	\$184	\$178	\$184
Other Benefits	None	\$67,117	\$60,622	\$67,117	\$65,750	\$67,970	\$65,654	\$64,136	\$64,136	\$62,067	\$64,136	\$62,067	\$64,136
Recruiting Fees	None	\$0	\$0	\$0	\$0	\$0	\$22,000	\$0	\$0	\$0	\$0	\$0	\$0
Relocation	None	\$0	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0



# Thank you!

